

NASA TECHNICAL MEMORANDUM

NASA TM X-64952

DATA FOR NASA'S AVE IV EXPERIMENT: 25-MB SOUNDING DATA AND SYNOPTIC CHARTS

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August 1975



NASA

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(NASA-TM-X-64952) DATA FOR NASA'S AVE 4
EXPERIMENT: 25-mb SOUNDING DATA AND
SYNOPTIC CHARTS (NASA) 61 p HC \$11.50

N75-30699

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DATA FOR NASA'S AVE IV EXPERIMENT:
25-MB SOUNDING DATA AND SYNOPTIC CHARTS

by

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I. Introduction

As of this date, four NASA Atmospheric Variability Experiments have been conducted. Dates the soundings were taken and the number of participating stations are listed in Table 1.

Table 1

| Atmospheric Variability Experiments | | |
|-------------------------------------|---------------------|-------------------------------------|
| AVE | Date | Number of Participating Stations |
| I | 19-22 February 1964 | 30 |
| IIP | 11-12 May 1974 | 54 |
| III | 6- 7 February 1975 | 41 |
| IV | 24-25 April 1975 | 42 |

Data for the first NASA Atmospheric Variability Experiment were presented by Scoggins and Smith (1973 a and b), and a compilation of studies from AVE I has been presented by Scoggins et al. (1973). The reduction

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procedures and accuracy of the data from the second NASA Atmospheric Variability (Pilot) Experiment (AVE IIP) have been described by Fuelberg (1974), while the data were presented by Scoggins and Turner (1974) and by Fuelberg and Turner (1975). Data for AVE III have been presented by Fuelberg and Turner (1975). Studies using AVE IIP and AVE III data, including satellite and radar data, are underway. Results from AVE I, AVE IIP, and AVE III have demonstrated conclusively that systems with a time scale of less than 12 hours are important features of the atmosphere and should be studied in greater detail with additional AVE-type experiments.

To provide these additional data, the fourth Atmospheric Variability Experiment (AVE IV) was conducted on April 24-25, 1975. This report presents rawinsonde data and synoptic charts for AVE IV. Selected data from other sources such as satellite, radar, and surface stations are available but are not presented in this report.

II. The AVE IV Experiment

Forty-two rawinsonde stations participated in the AVE IV experiment. These stations are shown in Fig. 1 and listed in Table 2. Soundings were taken at nine time periods--April 24 at 0000 GMT, 0600 GMT, 1200 GMT, 1500 GMT, 1800 GMT, and 2100 GMT, and on April 25 at 0000 GMT, 0600 GMT, and 1200 GMT. The objectives of the AVE IV are to evaluate the accuracy and representativeness of quantitative satellite data, to investigate the temporal and spatial variability of atmospheric parameters and systems of a scale smaller than that normally detected from data available at intervals of 12 hours, and to investigate the structure and dynamics of the atmosphere associated with severe weather. To achieve these goals it was desirable

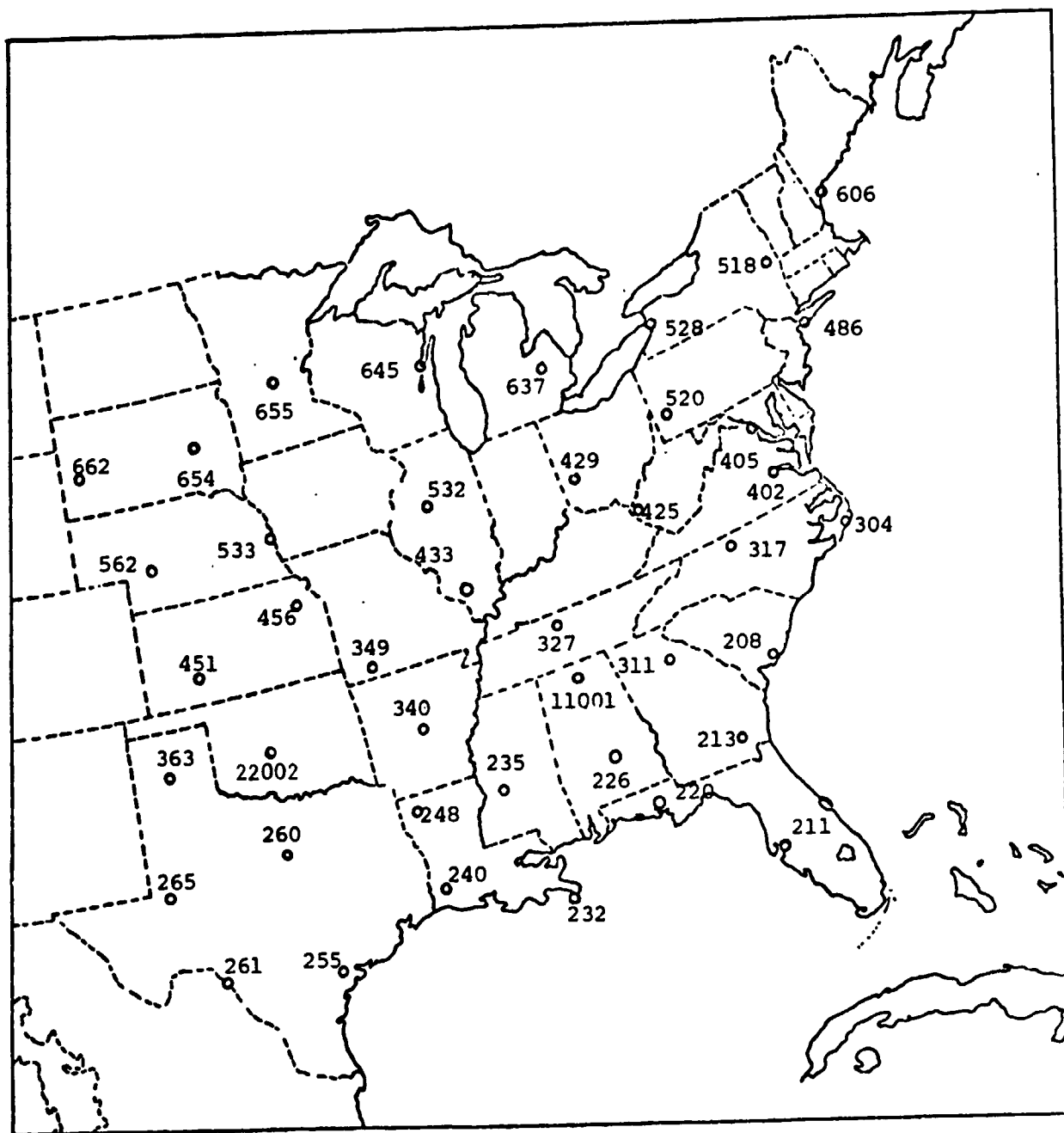


Fig. 1. Rawinsonde stations participating in the AVE IV experiment.

Table 2

Rawinsonde Stations Participating in AVE IV Experiment

| <u>Station Number</u> | <u>Location</u> |
|-----------------------|---|
| 208 (CHS) | Charleston, South Carolina |
| 211 (TPA) | Tampa, Florida |
| 213 (AYS) | Waycross, Georgia |
| 220 (VPS) | Apalachicola, Florida |
| 226 (CEN) | Centerville, Alabama |
| 232 (BVE) | Boothville, Louisiana |
| 235 (JAN) | Jackson, Mississippi |
| 240 (LCH) | Lake Charles, Louisiana |
| 248 (SHV) | Shreveport, Louisiana |
| 255 (VCT) | Victoria, Texas |
| 260 (SEP) | Stephenville, Texas |
| 261 (DRT) | Del Rio, Texas |
| 265 (MAF) | Midland, Texas |
| 304 (HAT) | Hatteras, North Carolina |
| 311 (AHN) | Athens, Georgia |
| 317 (GSO) | Greensboro, North Carolina |
| 327 (BNA) | Nashville, Tennessee |
| 340 (LIT) | Little Rock, Arkansas |
| 349 (UMN) | Monette, Missouri |
| 363 (AMA) | Amarillo, Texas |
| 402 (WAL) | Wallops Island, Virginia |
| 405 (IAD) | Sterling, Virginia (Dulles Airport) |
| 425 (HTS) | Huntington, West Virginia |
| 429 (DAY) | Dayton, Ohio |
| 433 (SLO) | Salem, Illinois |
| 451 (DDC) | Dodge City, Kansas |
| 456 (TOP) | Topeka, Kansas |
| 486 (JFK) | Fort Totten, New York (Kennedy Airport) |
| 518 (ALB) | Albany, New York |
| 520 (PIT) | Pittsburg, Pennsylvania |
| 528 (BUF) | Buffalo, New York |
| 532 (PIA) | Peoria, Illinois |
| 553 (OMA) | Omaha, Nebraska |
| 562 (LBF) | North Platte, Nebraska |
| 606 (PWM) | Portland, Maine |
| 637 (FNT) | Flint, Michigan |
| 645 (GRB) | Green Bay, Wisconsin |
| 654 (HUR) | Huron, South Dakota |
| 655 (STC) | St. Cloud, Minnesota |
| 662 (RAP) | Rapid City, South Dakota |
| 11001 (MFS) | Marshall Space Flight Center, Alabama |
| 22002 (FSI) | Fort Sill, Oklahoma |

to conduct AVE IV during a period when large horizontal temperature gradients existed, convective activity was present, a jet stream was present, a variety of cloud conditions existed, and rapid changes in weather patterns were expected to occur.

III. Discussion of Basic Data

A. Collection. Original information from which sounding data was computed was sent to the Aerospace Environment Division, NASA Marshall Space Flight Center (MSFC), Alabama. Texas A&M University personnel extracted ordinate and angle data at each pressure contact and key-punched these and baseline data into cards. All sounding computations were made on an IBM 360/65 computer at Texas A&M University.

B. Methods of Processing. The procedure used to compute soundings is the same as that used on the AVE III data and is described by Fuelberg (1974) and Fuelberg and Turner (1975). All keypunched data were checked for errors by calculating centered differences on the input data. Processed soundings were further checked by calculating centered differences of wind direction and speed and by calculating the lapse rates of temperature and dew point. All questionable data were checked with the original strip chart information, and any data found to be erroneous were corrected. All unusual or erroneous soundings are listed in Table 3.

The final data sets of the AVE IV experiment consist of data computed at each pressure contact and at 25-mb intervals. Thermodynamic quantities were computed at each pressure contact, while wind data were computed from 30-sec intervals by means of centered finite differences and subsequently smoothed and interpolated to each pressure contact. These detailed profiles were then interpolated to give the 25-mb data presented in this report.

Table 3

| <u>Unusual or Erroneous Soundings</u> | | |
|---------------------------------------|---------------------|--|
| <u>Station</u> | <u>Date/GMT</u> | <u>Error</u> |
| 349 Monette, Missouri | 24/1200 25/0000 | Sondes released during rainstorm. |
| 429 Dayton, Ohio | 24/0600 | Sonde released during thunderstorm. |
| 235 Jackson, Mississippi | 24/2100 | Height and temperature fields seem to be high. No known reason. |
| 402 Wallops Island, Virginia | All time periods | Angle data were not available for Stations 402 and 486 to compute winds using AVE procedure. Winds computed by the National Weather Service are given in the Appendix. |
| 486 Fort Totten, New York | All time periods | |

IV. Discussion of Sounding Data

A. Accuracy Estimates. Estimates of the RMS errors in the thermodynamic quantities of the AVE IV data are the same as those given by Scoggins and Smith (1973) for AVE I, Fuelberg (1974) for AVE I12, and Fuelberg and Turner (1975) for AVE III. These estimates are:

| <u>Parameter</u> | <u>Approximate RMS Error</u> |
|-------------------|---|
| Temperature | 1°C |
| Pressure | 1.3 mb from surface to 400 mb; 1.1 mb between 400 and 100 mb; 0.7 mb between 100 and 10 mb. |
| Humidity | 10 percent |
| Pressure Altitude | 10 gpm at 500 mb; 20 gpm at 300 mb; 50 gpm at 50 mb. |

The RMS errors for wind speed and direction are difficult to describe since they are a function of tracking geometry and other factors. RMS errors in the AVE IV wind data are the same as those given by Fuelberg (1974) for the AVE IIP data. Maximum RMS errors for winds computed at 30-sec intervals (based on the worst geometric tracking configuration) are: at 700 mb about 2.5 mps at an elevation angle of 10° and about 0.5 mps at an elevation angle of 40° ; at 500 mb, 4.5 mps and 0.8 mps for the same elevation angles; and at 300 mb, 7.8 mps and 1.0 mps, respectively. After assuming typical values of scalar wind speed at the various levels, maximum RMS errors in wind direction were determined. The maximum RMS errors at 700 mb range from about 9.5° at an elevation angle of 10° to about 1.3° at an elevation angle of 40° . At 500 mb the errors are 13.4° and 1.8° at the same elevation angles, while at 300 mb the maximum errors are 18.0° and 2.5° , respectively. The accuracy of the wind data at pressure contacts and at 25-mb intervals is greater than that stated for the 30-sec winds because of the additional smoothing and interpolation performed. In addition, errors cited for the 30-sec winds were maxima for the stated conditions.

B. Tabulated Data. An example of AVE IV contact data is given in Fig. 2. An explanation of the column headings is given in Table 4, and a list of missing soundings is given in Table 5. In Fig. 2, the first line of data for the time of 0.0 minutes is surface data. A series of nines is used to indicate missing data. The three numbers in the upper right-hand side of each page are the number of pressure contacts computed, the minimum pressure obtained (mb), and an angle identifier with the value 0 for 30-sec angle input and 1 for 1-min angle input. The contact data are available in paper form or on magnetic tape from the George C. Marshall

STATION NO. 208
CHARLESTON, SC

23 APRIL 1975
2315 GMT

| TIME MIN | CATCY | HEICHT C/M | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCHP M/SEC | PCT Y DG K | E POT Y DG K | MR RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.3 | 13.0 | 1024.0 | 21.1 | 12.8 | 190.0 | 5.2 | 0.9 | 5.1 | 293.5 | 317.4 | 9.1 | 59.0 | 0.0 | 0. |
| 0.2 | 5.0 | 85.5 | 1015.0 | 21.0 | 12.8 | 182.5 | 6.6 | 0.3 | 6.6 | 294.2 | 318.5 | 9.2 | 59.5 | 0.3 | 4. |
| 0.6 | 6.0 | 218.3 | 1000.0 | 20.2 | 12.4 | 182.0 | 6.7 | 0.3 | 6.6 | 294.5 | 318.6 | 9.1 | 61.0 | 0.3 | 4. |
| 1.0 | 7.0 | 222.4 | 988.0 | 19.1 | 12.1 | 184.7 | 6.9 | 0.6 | 6.3 | 294.3 | 318.3 | 9.0 | 64.0 | 0.4 | 3. |
| 1.4 | 8.0 | 436.2 | 975.0 | 18.2 | 12.0 | 182.4 | 7.8 | 0.3 | 7.8 | 294.7 | 318.7 | 9.1 | 66.9 | 0.6 | 4. |
| 1.8 | 9.0 | 573.4 | 964.0 | 17.0 | 11.7 | 180.9 | 8.1 | 0.1 | 8.1 | 294.4 | 318.2 | 9.0 | 70.9 | 0.7 | 4. |
| 1.9 | 10.0 | 631.3 | 953.0 | 16.0 | 11.7 | 178.2 | 8.4 | -0.3 | 8.4 | 294.4 | 318.5 | 9.1 | 75.9 | 0.9 | 3. |
| 2.4 | 11.0 | 757.1 | 939.0 | 15.0 | 12.0 | 175.1 | 7.7 | -0.1 | 7.7 | 294.6 | 319.6 | 9.5 | 82.6 | 1.1 | 2. |
| 2.7 | 12.0 | 866.1 | 927.0 | 14.0 | 12.3 | 182.0 | 8.0 | 0.3 | 8.0 | 294.7 | 320.4 | 9.7 | 89.3 | 1.3 | 1. |
| 3.1 | 13.0 | 976.1 | 915.0 | 13.0 | 12.0 | 186.7 | 9.0 | 1.0 | 9.0 | 294.8 | 320.4 | 9.7 | 93.7 | 1.4 | 2. |
| 3.4 | 14.0 | 1077.9 | 904.0 | 12.1 | 11.6 | 190.3 | 10.0 | 1.8 | 9.8 | 294.8 | 320.1 | 9.6 | 97.3 | 1.6 | 2. |
| 3.7 | 15.0 | 1190.1 | 892.0 | 11.3 | 10.8 | 192.6 | 10.3 | 2.3 | 10.1 | 295.1 | 319.4 | 9.2 | 98.5 | 1.8 | 3. |
| 4.2 | 16.0 | 1323.4 | 878.0 | 10.7 | 10.1 | 195.3 | 10.4 | 2.7 | 10.0 | 295.8 | 319.5 | 8.9 | 98.0 | 2.1 | 5. |
| 4.5 | 17.0 | 1427.6 | 867.0 | 9.5 | 9.0 | 192.4 | 10.4 | 2.9 | 10.0 | 295.5 | 317.7 | 8.3 | 97.0 | 2.3 | 6. |
| 4.9 | 18.0 | 1533.6 | 856.0 | 8.6 | 8.1 | 197.5 | 9.8 | 3.0 | 9.4 | 295.6 | 316.8 | 8.0 | 97.0 | 2.5 | 7. |
| 5.1 | 19.0 | 1640.7 | 845.0 | 8.0 | 5.7 | 197.8 | 9.7 | 3.0 | 9.2 | 295.9 | 316.4 | 6.4 | 85.3 | 2.7 | 8. |
| 5.5 | 20.0 | 1739.1 | 835.0 | 8.9 | 4.6 | 197.9 | 9.7 | 3.0 | 9.2 | 297.0 | 315.3 | 6.4 | 74.3 | 2.9 | 8. |
| 5.9 | 21.0 | 1879.4 | 821.0 | 6.9 | -12.9 | 193.3 | 9.8 | 3.1 | 9.3 | 298.7 | 303.8 | 1.7 | 19.9 | 3.1 | 9. |
| 6.3 | 22.0 | 1980.6 | 811.0 | 8.0 | -10.5 | 200.2 | 9.8 | 3.4 | 9.1 | 298.8 | 305.0 | 2.1 | 25.6 | 3.4 | 10. |
| 6.6 | 23.0 | 2054.0 | 800.0 | 7.3 | -12.3 | 201.8 | 9.5 | 3.5 | 8.8 | 299.2 | 304.7 | 1.9 | 23.2 | 3.5 | 10. |
| 6.9 | 24.0 | 2156.4 | 790.0 | 6.6 | -10.9 | 203.7 | 9.1 | 3.6 | 8.3 | 299.5 | 305.7 | 2.1 | 27.3 | 3.7 | 11. |
| 7.3 | 25.0 | 2303.7 | 780.0 | 5.6 | -8.9 | 207.3 | 8.2 | 3.7 | 7.3 | 299.6 | 306.8 | 2.5 | 34.3 | 3.9 | 12. |
| 7.7 | 26.0 | 2418.0 | 767.0 | 5.0 | -6.6 | 212.8 | 7.2 | 3.9 | 6.1 | 300.2 | 308.1 | 2.6 | 36.6 | 4.1 | 12. |
| 8.1 | 27.0 | 2545.1 | 757.0 | 5.0 | -9.5 | 221.0 | 6.4 | 4.2 | 4.8 | 301.6 | 308.8 | 2.4 | 33.9 | 4.2 | 13. |
| 8.4 | 28.0 | 2684.5 | 746.0 | 4.9 | -10.5 | 225.0 | 6.0 | 4.5 | 3.9 | 302.5 | 305.8 | 1.1 | 15.1 | 4.3 | 14. |
| 8.7 | 29.0 | 2763.2 | 737.0 | 4.0 | -19.6 | 237.2 | 5.8 | 4.9 | 3.2 | 302.6 | 306.0 | 1.1 | 16.0 | 4.4 | 15. |
| 9.1 | 30.0 | 2874.2 | 727.0 | 3.9 | -19.6 | 247.1 | 5.8 | 5.4 | 2.3 | 303.0 | 307.0 | 1.1 | 16.0 | 4.5 | 16. |
| 9.4 | 31.0 | 2952.7 | 716.0 | 2.8 | -19.5 | 252.2 | 5.9 | 5.6 | 1.8 | 303.8 | 307.2 | 1.1 | 14.8 | 4.6 | 17. |
| 9.8 | 32.0 | 3055.9 | 707.0 | 1.9 | -16.5 | 255.2 | 6.0 | 5.8 | 1.3 | 303.5 | 308.4 | 1.5 | 24.1 | 4.6 | 19. |
| 10.2 | 33.0 | 3203.1 | 696.0 | 1.4 | -15.8 | 255.9 | 6.2 | 6.1 | 1.3 | 304.4 | 309.3 | 1.6 | 26.4 | 4.7 | 20. |
| 10.5 | 34.0 | 3310.1 | 688.0 | 0.7 | -15.7 | 257.6 | 6.4 | 6.2 | 1.6 | 305.4 | 310.0 | 1.6 | 28.0 | 4.8 | 21. |
| 10.8 | 35.0 | 3424.8 | 679.0 | 0.4 | -18.9 | 257.6 | 6.6 | 6.4 | 1.4 | 305.7 | 309.6 | 1.3 | 21.7 | 4.9 | 23. |
| 11.2 | 36.0 | 3567.7 | 667.0 | 0.2 | -23.5 | 262.1 | 6.8 | 6.6 | 0.9 | 307.0 | 309.0 | 0.9 | 14.8 | 5.0 | 24. |
| 11.6 | 37.0 | 3668.6 | 657.0 | -0.1 | -24.9 | 269.3 | 6.6 | 6.6 | 0.9 | 308.0 | 310.5 | 0.8 | 13.3 | 5.0 | 26. |
| 12.0 | 38.0 | 3768.8 | 646.0 | -0.9 | -29.5 | 278.4 | 6.4 | 6.4 | -0.9 | 308.3 | 310.0 | 0.5 | 9.2 | 5.1 | 28. |
| 12.3 | 39.0 | 3910.3 | 639.0 | -1.2 | -32.0 | 286.4 | 6.4 | 6.1 | -1.8 | 309.1 | 310.5 | 0.4 | 7.4 | 5.1 | 29. |
| 12.7 | 40.0 | 4023.3 | 630.0 | -1.4 | -32.0 | 295.2 | 6.7 | 6.1 | -2.5 | 310.2 | 311.6 | 0.4 | 7.5 | 5.2 | 30. |
| 13.2 | 41.0 | 4163.4 | 619.0 | -2.0 | -32.4 | 299.6 | 7.5 | 6.6 | -3.7 | 311.1 | 312.4 | 0.4 | 7.5 | 5.1 | 33. |
| 13.6 | 42.0 | 4266.7 | 611.0 | -2.3 | -32.6 | 299.0 | 8.3 | 7.3 | -4.0 | 311.9 | 313.2 | 0.4 | 7.6 | 5.1 | 35. |
| 13.9 | 43.0 | 4374.5 | 601.0 | -2.8 | -31.7 | 298.2 | 8.8 | 7.7 | -4.2 | 312.8 | 314.3 | 0.4 | 8.5 | 5.2 | 36. |
| 14.3 | 44.0 | 4503.6 | 593.0 | -3.2 | -32.0 | 300.2 | 9.4 | 8.1 | -4.7 | 313.5 | 314.9 | 0.4 | 8.6 | 5.2 | 39. |
| 14.7 | 45.0 | 4624.5 | 584.0 | -3.5 | -32.2 | 304.2 | 10.0 | 8.3 | -5.6 | 314.5 | 316.0 | 0.4 | 8.6 | 5.3 | 41. |
| 15.0 | 46.0 | 4732.3 | 576.0 | -4.3 | -32.7 | 307.9 | 10.5 | 8.3 | -6.3 | 314.8 | 316.3 | 0.4 | 8.7 | 5.3 | 43. |
| 15.4 | 47.0 | 4857.2 | 567.0 | -4.8 | -32.0 | 311.0 | 11.2 | 8.5 | -7.4 | 315.7 | 317.3 | 0.5 | 9.7 | 5.3 | 46. |
| 15.7 | 48.0 | 4968.8 | 559.0 | -5.5 | -25.5 | 311.4 | 11.5 | 8.6 | -7.6 | 316.1 | 318.0 | 0.9 | 18.9 | 5.3 | 48. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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OF POOR QUALITY

Fig. 2. Example of contact data from the AVE IV experiment.

STATION NO. 208
CHARLESTON, SC

23 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KC | RM PCY | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 16.1 | 49.0 | 5081.7 | 551.0 | -6.3 | -26.9 | 310.4 | 11.7 | 8.9 | -7.6 | 310.9 | 319.1 | 0.8 | 17.6 | 5.3 | 52. |
| 16.4 | 50.0 | 5210.4 | 542.0 | -6.9 | -23.5 | 309.1 | 11.6 | 9.0 | -7.3 | 317.4 | 320.8 | 1.1 | 25.1 | 5.4 | 54. |
| 16.9 | 51.0 | 5340.9 | 533.0 | -7.6 | -22.5 | 308.7 | 11.4 | 8.9 | -7.1 | 318.0 | 321.9 | 1.2 | 29.1 | 5.5 | 57. |
| 17.2 | 52.0 | 5456.4 | 525.0 | -8.6 | -22.1 | 309.5 | 11.4 | 8.8 | -7.2 | 318.2 | 322.2 | 1.2 | 32.6 | 5.6 | 59. |
| 17.6 | 53.0 | 5577.2 | 517.0 | -9.6 | -19.2 | 311.0 | 11.5 | 8.7 | -7.6 | 318.4 | 323.6 | 1.6 | 45.4 | 5.7 | 62. |
| 18.0 | 54.0 | 5712.7 | 508.0 | -10.7 | -17.5 | 312.1 | 11.9 | 8.9 | -8.0 | 318.8 | 324.9 | 1.9 | 56.9 | 5.8 | 64. |
| 18.4 | 55.0 | 5834.6 | 500.0 | -11.6 | -19.3 | 311.0 | 12.2 | 9.2 | -8.0 | 318.8 | 324.2 | 1.7 | 53.4 | 5.9 | 67. |
| 18.8 | 56.0 | 5973.5 | 491.0 | -12.6 | -21.2 | 307.7 | 12.4 | 9.8 | -7.6 | 319.4 | 324.1 | 1.4 | 48.4 | 6.0 | 70. |
| 19.2 | 57.0 | 6083.0 | 484.0 | -13.3 | -21.5 | 303.0 | 12.6 | 10.6 | -6.9 | 319.9 | 324.5 | 1.4 | 50.0 | 6.2 | 72. |
| 19.6 | 58.0 | 6209.8 | 476.0 | -14.0 | -22.5 | 297.6 | 13.0 | 11.5 | -6.0 | 320.5 | 324.8 | 1.3 | 48.5 | 6.4 | 74. |
| 19.9 | 59.0 | 6322.2 | 469.0 | -14.9 | -22.5 | 294.0 | 13.3 | 12.2 | -5.4 | 320.8 | 325.2 | 1.3 | 52.0 | 6.6 | 75. |
| 20.4 | 60.0 | 6468.6 | 460.0 | -15.8 | -22.2 | 290.2 | 13.9 | 13.0 | -4.8 | 321.4 | 326.0 | 1.4 | 58.0 | 6.9 | 77. |
| 20.8 | 61.0 | 6584.2 | 453.0 | -16.1 | -21.5 | 285.5 | 14.4 | 13.6 | -4.0 | 322.5 | 327.5 | 1.5 | 63.2 | 7.2 | 79. |
| 21.2 | 62.0 | 6684.6 | 447.0 | -16.7 | -23.7 | 290.2 | 15.1 | 14.1 | -5.2 | 323.0 | 327.2 | 1.3 | 54.4 | 7.5 | 80. |
| 21.7 | 63.0 | 6820.1 | 439.0 | -17.5 | -24.9 | 292.1 | 16.0 | 14.8 | -6.0 | 323.6 | 327.5 | 1.1 | 52.3 | 7.9 | 82. |
| 22.0 | 64.0 | 6940.3 | 432.0 | -18.6 | -25.5 | 293.2 | 16.6 | 15.2 | -6.9 | 323.7 | 327.4 | 1.1 | 56.6 | 8.2 | 83. |
| 22.4 | 65.0 | 7061.9 | 425.0 | -19.8 | -26.6 | 294.4 | 17.0 | 15.6 | -7.0 | 323.7 | 327.2 | 1.0 | 58.6 | 9.0 | 86. |
| 22.9 | 66.0 | 7202.8 | 417.0 | -20.6 | -27.2 | 296.4 | 17.4 | 15.6 | -7.5 | 324.4 | 327.9 | 1.0 | 60.5 | 9.4 | 88. |
| 23.4 | 67.0 | 7327.8 | 410.0 | -21.7 | -27.2 | 296.4 | 17.4 | 15.6 | -7.7 | 324.6 | 327.9 | 0.8 | 56.0 | 9.7 | 88. |
| 23.7 | 68.0 | 7454.4 | 403.0 | -22.9 | -29.2 | 296.9 | 17.2 | 15.3 | -7.8 | 324.6 | 327.5 | 0.8 | 56.0 | 9.7 | 88. |
| 24.2 | 69.0 | 7582.7 | 396.0 | -23.8 | -29.3 | 297.1 | 16.4 | 14.6 | -7.5 | 325.0 | 327.9 | 0.8 | 60.0 | 10.2 | 90. |
| 24.6 | 70.0 | 7712.8 | 389.0 | -24.6 | -30.8 | 296.2 | 15.8 | 14.2 | -6.9 | 325.6 | 328.2 | 0.7 | 55.9 | 10.5 | 91. |
| 25.2 | 71.0 | 7882.9 | 380.0 | -25.8 | -32.8 | 293.8 | 15.5 | 14.2 | -6.3 | 326.2 | 328.4 | 0.6 | 51.4 | 11.0 | 92. |
| 25.8 | 72.0 | 8017.5 | 373.0 | -26.5 | -36.1 | 293.7 | 15.8 | 14.5 | -6.4 | 327.1 | 328.7 | 0.5 | 42.5 | 11.7 | 93. |
| 26.0 | 73.0 | 8154.1 | 366.0 | -27.6 | -36.4 | 295.2 | 16.3 | 14.8 | -7.0 | 327.2 | 328.9 | 0.5 | 48.2 | 12.1 | 94. |
| 26.5 | 74.0 | 8272.7 | 360.0 | -28.8 | -36.3 | 297.1 | 17.1 | 15.2 | -7.8 | 327.2 | 328.9 | 0.5 | 59.4 | 12.5 | 95. |
| 26.9 | 75.0 | 8412.9 | 353.0 | -30.0 | -35.3 | 297.6 | 17.7 | 15.7 | -8.2 | 327.4 | 329.3 | 0.5 | 67.1 | 13.0 | 96. |
| 27.4 | 76.0 | 8534.7 | 347.0 | -31.2 | -35.3 | 297.3 | 18.4 | 16.3 | -8.4 | 327.4 | 329.4 | 0.4 | 58.0 | 13.4 | 97. |
| 27.8 | 77.0 | 8678.9 | 340.0 | -32.1 | -37.6 | 296.5 | 18.8 | 16.8 | -8.4 | 328.1 | 329.7 | 0.4 | 49.5 | 13.9 | 97. |
| 28.2 | 78.0 | 8804.5 | 334.0 | -32.8 | -39.7 | 295.5 | 19.1 | 17.2 | -8.2 | 328.8 | 330.1 | 0.3 | 49.5 | 14.3 | 98. |
| 28.6 | 79.0 | 8931.8 | 328.0 | -34.0 | -40.8 | 294.8 | 19.3 | 17.5 | -8.1 | 328.6 | 330.1 | 0.3 | 57.3 | 14.8 | 98. |
| 29.0 | 80.0 | 9060.9 | 322.0 | -34.9 | -40.4 | 294.7 | 19.4 | 17.6 | -8.1 | 329.4 | 330.6 | 0.3 | 63.8 | 16.4 | 100. |
| 29.6 | 81.0 | 9214.0 | 315.0 | -35.9 | -40.0 | 295.6 | 19.8 | 17.9 | -8.6 | 330.1 | 331.5 | 0.4 | 65.1 | 15.4 | 99. |
| 29.9 | 82.0 | 9347.3 | 309.0 | -37.2 | -41.2 | 296.0 | 20.0 | 18.0 | -8.6 | 330.1 | 331.3 | 0.3 | 65.9 | 15.8 | 99. |
| 30.4 | 83.0 | 9482.6 | 303.0 | -38.2 | -42.4 | 296.4 | 20.2 | 18.1 | -9.0 | 330.6 | 331.7 | 0.3 | 63.8 | 16.4 | 100. |
| 30.8 | 84.0 | 9596.8 | 298.0 | -39.4 | -43.7 | 296.8 | 20.3 | 18.1 | -9.1 | 330.4 | 331.4 | 0.3 | 62.8 | 16.8 | 101. |
| 31.2 | 85.0 | 9735.7 | 292.0 | -40.6 | -44.0 | 297.1 | 20.3 | 18.1 | -9.3 | 330.7 | 331.9 | 0.3 | 62.8 | 16.8 | 101. |
| 31.8 | 86.0 | 9900.7 | 285.0 | -41.6 | -44.0 | 296.9 | 21.0 | 18.7 | -9.5 | 331.6 | 332.9 | 0.3 | 62.8 | 16.8 | 101. |
| 32.3 | 87.0 | 10020.4 | 280.0 | -43.0 | -44.0 | 296.0 | 22.1 | 19.9 | -9.7 | 331.3 | 333.3 | 0.3 | 62.8 | 16.8 | 101. |
| 32.7 | 88.0 | 10166.1 | 274.0 | -44.0 | -44.0 | 295.3 | 23.1 | 20.9 | -9.8 | 331.9 | 333.9 | 0.3 | 62.8 | 16.8 | 101. |
| 33.2 | 89.0 | 10285.3 | 269.0 | -45.4 | -44.0 | 295.1 | 23.6 | 21.4 | -10.0 | 331.6 | 334.6 | 0.3 | 62.8 | 16.8 | 101. |
| 33.6 | 90.0 | 10414.2 | 264.0 | -46.5 | -44.0 | 295.9 | 23.4 | 21.1 | -10.2 | 331.7 | 334.7 | 0.3 | 62.8 | 16.8 | 101. |
| 34.1 | 91.0 | 10540.8 | 259.0 | -47.8 | -44.0 | 297.8 | 23.2 | 20.5 | -10.8 | 331.6 | 334.6 | 0.3 | 62.8 | 16.8 | 101. |
| 34.6 | 92.0 | 10695.0 | 253.0 | -49.2 | -44.0 | 299.2 | 24.1 | 21.0 | -11.8 | 331.8 | 334.8 | 0.3 | 62.8 | 16.8 | 101. |
| 35.1 | 93.0 | 10825.5 | 248.0 | -50.5 | -44.0 | 300.0 | 26.1 | 22.6 | -13.0 | 331.7 | 334.7 | 0.3 | 62.8 | 16.8 | 101. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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OF POOR QUALITY

Fig. 2. (Continued)

STATION NO. 208
CHARLESTON, SC

23 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GCM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 35.6 | 94.0 | 10558.0 | 243.0 | -21.8 | 99.9 | 300.9 | 27.8 | 23.8 | -14.2 | 331.8 | 999.9 | 99.9 | 999.9 | 23.2 | 105. |
| 35.9 | 95.0 | 11092.4 | 238.0 | -53.0 | 99.9 | 301.5 | 28.0 | 23.9 | -14.7 | 331.9 | 999.9 | 99.9 | 999.9 | 23.8 | 106. |
| 36.5 | 96.0 | 11256.5 | 232.0 | -54.6 | 99.9 | 302.7 | 27.0 | 22.8 | -14.6 | 331.9 | 999.9 | 99.9 | 999.9 | 24.7 | 106. |
| 37.0 | 97.0 | 11395.5 | 227.0 | -55.9 | 99.9 | 303.4 | 26.0 | 21.7 | -14.3 | 332.0 | 999.9 | 99.9 | 999.9 | 25.5 | 107. |
| 37.6 | 98.0 | 11508.3 | 223.0 | -57.2 | 99.9 | 304.5 | 26.1 | 21.5 | -14.8 | 331.6 | 999.9 | 99.9 | 999.9 | 26.4 | 107. |
| 38.0 | 99.0 | 11651.3 | 218.0 | -58.4 | 99.9 | 305.1 | 26.7 | 21.8 | -15.3 | 332.0 | 999.9 | 99.9 | 999.9 | 27.0 | 108. |
| 38.4 | 100.0 | 11756.7 | 213.0 | -60.0 | 99.9 | 305.9 | 27.2 | 22.0 | -15.9 | 331.7 | 999.9 | 99.9 | 999.9 | 27.6 | 108. |
| 38.9 | 101.0 | 11844.6 | 208.0 | -61.3 | 99.9 | 307.8 | 27.6 | 21.9 | -16.9 | 332.0 | 999.9 | 99.9 | 999.9 | 28.4 | 109. |
| 39.3 | 102.0 | 12095.3 | 203.0 | -62.2 | 99.9 | 309.7 | 27.9 | 21.5 | -17.8 | 332.5 | 999.9 | 99.9 | 999.9 | 29.0 | 109. |
| 39.8 | 103.0 | 12215.1 | 199.0 | -62.8 | 99.9 | 311.0 | 29.0 | 21.8 | -19.0 | 333.9 | 999.9 | 99.9 | 999.9 | 29.8 | 110. |
| 40.3 | 104.0 | 12343.1 | 195.0 | -62.9 | 99.9 | 310.7 | 31.0 | 23.5 | -20.2 | 335.5 | 999.9 | 99.9 | 999.9 | 30.6 | 110. |
| 40.9 | 105.0 | 12502.7 | 190.0 | -63.9 | 99.9 | 310.0 | 33.6 | 25.7 | -21.5 | 336.5 | 999.9 | 99.9 | 999.9 | 31.7 | 111. |
| 41.6 | 106.0 | 12633.0 | 186.0 | -64.3 | 99.9 | 305.4 | 34.6 | 26.8 | -22.0 | 337.9 | 999.9 | 99.9 | 999.9 | 33.1 | 112. |
| 42.1 | 107.0 | 12775.9 | 182.0 | -64.7 | 99.9 | 308.1 | 34.1 | 26.8 | -21.1 | 339.4 | 999.9 | 99.9 | 999.9 | 34.1 | 112. |
| 42.7 | 108.0 | 12901.7 | 178.0 | -64.5 | 99.9 | 304.7 | 32.6 | 26.8 | -18.5 | 341.9 | 999.9 | 99.9 | 999.9 | 35.3 | 113. |
| 43.3 | 109.0 | 13041.0 | 174.0 | -63.1 | 99.9 | 300.9 | 32.2 | 27.7 | -16.5 | 346.3 | 999.9 | 99.9 | 999.9 | 36.4 | 113. |
| 43.9 | 110.0 | 13134.4 | 170.0 | -62.4 | 99.9 | 298.8 | 33.4 | 29.3 | -16.1 | 349.9 | 999.9 | 99.9 | 999.9 | 37.5 | 113. |
| 44.7 | 111.0 | 13268.9 | 165.0 | -62.0 | 99.9 | 298.9 | 33.8 | 29.6 | -16.4 | 353.5 | 999.9 | 99.9 | 999.9 | 39.2 | 114. |
| 45.2 | 112.0 | 13520.5 | 161.0 | -62.2 | 99.9 | 301.3 | 34.1 | 29.1 | -17.7 | 355.7 | 999.9 | 99.9 | 999.9 | 40.2 | 114. |
| 45.3 | 113.0 | 13676.1 | 157.0 | -62.0 | 99.9 | 305.8 | 34.9 | 28.3 | -20.4 | 356.6 | 999.9 | 99.9 | 999.9 | 41.6 | 114. |
| 46.5 | 114.0 | 13755.7 | 154.0 | -60.9 | 99.9 | 307.1 | 34.8 | 27.8 | -21.0 | 362.4 | 999.9 | 99.9 | 999.9 | 42.9 | 115. |
| 47.1 | 115.0 | 13955.4 | 150.0 | -60.5 | 99.9 | 305.1 | 33.9 | 27.7 | -19.5 | 365.8 | 999.9 | 99.9 | 999.9 | 44.0 | 115. |
| 48.0 | 116.0 | 14127.4 | 146.0 | -61.5 | 99.9 | 303.9 | 33.3 | 27.6 | -18.6 | 367.0 | 999.9 | 99.9 | 999.9 | 45.8 | 115. |
| 48.7 | 117.0 | 14300.5 | 142.0 | -59.3 | 99.9 | 306.8 | 33.1 | 27.3 | -20.4 | 373.7 | 999.9 | 99.9 | 999.9 | 47.3 | 115. |
| 49.4 | 118.0 | 14434.2 | 139.0 | -55.5 | 99.9 | 307.7 | 34.2 | 27.1 | -20.9 | 375.7 | 999.9 | 99.9 | 999.9 | 48.5 | 116. |
| 50.1 | 119.0 | 14616.8 | 135.0 | -55.8 | 99.9 | 307.2 | 33.3 | 26.5 | -20.1 | 378.2 | 999.9 | 99.9 | 999.9 | 50.2 | 116. |
| 50.7 | 120.0 | 14757.0 | 132.0 | -60.5 | 99.9 | 308.3 | 31.2 | 24.5 | -19.3 | 379.4 | 999.9 | 99.9 | 999.9 | 51.2 | 116. |
| 51.5 | 121.0 | 14948.6 | 128.0 | -60.5 | 99.9 | 309.5 | 27.5 | 21.2 | -17.5 | 382.8 | 999.9 | 99.9 | 999.9 | 52.6 | 117. |
| 52.1 | 122.0 | 15053.9 | 125.0 | -61.8 | 99.9 | 310.5 | 23.7 | 18.0 | -15.4 | 383.1 | 999.9 | 99.9 | 999.9 | 53.5 | 117. |
| 52.7 | 123.0 | 15245.8 | 122.0 | -63.1 | 99.9 | 311.6 | 20.0 | 14.9 | -13.3 | 383.6 | 999.9 | 99.9 | 999.9 | 54.3 | 117. |
| 53.4 | 124.0 | 15358.5 | 119.0 | -64.5 | 99.9 | 307.4 | 19.9 | 15.8 | -12.1 | 383.6 | 999.9 | 99.9 | 999.9 | 54.9 | 117. |
| 54.2 | 125.0 | 15606.8 | 115.0 | -65.7 | 99.9 | 300.8 | 21.0 | 18.0 | -10.7 | 385.2 | 999.9 | 99.9 | 999.9 | 56.1 | 118. |
| 55.1 | 126.0 | 15765.9 | 112.0 | -67.3 | 99.9 | 296.3 | 19.1 | 17.1 | -8.5 | 385.0 | 999.9 | 99.9 | 999.9 | 57.0 | 118. |
| 55.8 | 127.0 | 15930.1 | 109.0 | -68.4 | 99.9 | 295.7 | 20.6 | 18.5 | -8.9 | 386.0 | 999.9 | 99.9 | 999.9 | 57.9 | 117. |
| 56.6 | 128.0 | 16097.2 | 106.0 | -69.2 | 99.9 | 293.9 | 22.9 | 20.9 | -9.3 | 387.5 | 999.9 | 99.9 | 999.9 | 58.9 | 117. |
| 57.3 | 129.0 | 16258.3 | 103.0 | -70.1 | 99.9 | 291.1 | 23.8 | 22.2 | -8.4 | 389.0 | 999.9 | 99.9 | 999.9 | 59.9 | 117. |
| 58.0 | 130.0 | 16443.6 | 100.0 | -71.3 | 99.9 | 292.2 | 25.1 | 23.3 | -5.5 | 390.1 | 999.9 | 99.9 | 999.9 | 60.9 | 117. |
| 58.9 | 131.0 | 16684.3 | 96.0 | -72.4 | 99.9 | 292.6 | 25.8 | 23.7 | -12.4 | 392.3 | 999.9 | 99.9 | 999.9 | 62.2 | 117. |
| 59.8 | 132.0 | 16871.3 | 93.0 | -71.7 | 99.9 | 303.8 | 28.5 | 23.7 | -15.9 | 397.3 | 999.9 | 99.9 | 999.9 | 63.9 | 117. |
| 60.6 | 133.0 | 17065.3 | 90.0 | -70.6 | 99.9 | 303.9 | 23.8 | 19.8 | -13.3 | 403.4 | 999.9 | 99.9 | 999.9 | 65.0 | 117. |
| 61.4 | 134.0 | 17265.6 | 87.0 | -72.2 | 99.9 | 307.9 | 19.1 | 15.1 | -11.7 | 404.0 | 999.9 | 99.9 | 999.9 | 66.1 | 118. |
| 62.2 | 135.0 | 17402.9 | 85.0 | -71.3 | 99.9 | 307.9 | 19.6 | 15.0 | -12.7 | 408.6 | 999.9 | 99.9 | 999.9 | 66.9 | 118. |
| 63.3 | 136.0 | 17685.2 | 81.0 | -65.5 | 99.9 | 323.0 | 17.9 | 10.7 | -14.3 | 418.0 | 999.9 | 99.9 | 999.9 | 68.2 | 118. |
| 64.3 | 137.0 | 17914.5 | 78.0 | -69.2 | 99.9 | 339.6 | 15.0 | 5.2 | -14.0 | 423.0 | 999.9 | 99.9 | 999.9 | 69.0 | 118. |
| 65.5 | 138.0 | 18144.2 | 75.0 | -70.1 | 99.9 | 8.2 | 8.0 | -1.1 | -7.9 | 425.9 | 999.9 | 99.9 | 999.9 | 69.4 | 119. |

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
• BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
• BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

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Fig. 2. (Continued)

STATION NO. 208
CHARLESTON, SC

23 APRIL 1975
2315 GMT

| TIME MIN | CATCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 66.6 | 139.0 | 18391.5 | 72.0 | -65.2 | 99.9 | 313.6 | 11.1 | 8.0 | -7.6 | 432.8 | 999.9 | 99.9 | 999.9 | 69.9 119. | |
| 67.7 | 140.0 | 18646.9 | 69.0 | -67.3 | 99.9 | 313.6 | 9.1 | 6.5 | -6.4 | 432.2 | 999.9 | 99.9 | 999.9 | 70.6 119. | |
| 68.9 | 141.0 | 18915.6 | 66.0 | -66.3 | 99.9 | 329.1 | 12.1 | 6.2 | -10.4 | 450.1 | 999.9 | 99.9 | 999.9 | 71.3 120. | |
| 70.2 | 142.0 | 19197.5 | 63.0 | -66.3 | 99.9 | 357.0 | 7.4 | 0.4 | -7.3 | 456.2 | 999.9 | 99.9 | 999.9 | 71.9 120. | |
| 71.6 | 143.0 | 19493.9 | 60.0 | -65.3 | 99.9 | 338.2 | 7.9 | 1.3 | -2.6 | 464.8 | 999.9 | 99.9 | 999.9 | 72.0 120. | |
| 73.0 | 144.0 | 19807.0 | 57.0 | -64.3 | 99.9 | 328.0 | 5.6 | 3.3 | -4.5 | 473.9 | 999.9 | 99.9 | 999.9 | 72.1 120. | |
| 74.5 | 145.0 | 20139.3 | 54.0 | -62.4 | 99.9 | 321 | 6.0 | -0.2 | -6.0 | 485.7 | 999.9 | 99.9 | 999.9 | 72.6 121. | |
| 76.0 | 146.0 | 20491.5 | 51.0 | -63.1 | 99.9 | 179.9 | 3.0 | -0.0 | 3.0 | 481.9 | 999.9 | 99.9 | 999.9 | 72.6 121. | |
| 77.5 | 147.0 | 20864.8 | 48.0 | -62.8 | 99.9 | 300.7 | 10.4 | 9.0 | -5.3 | 501.4 | 999.9 | 99.9 | 999.9 | 72.9 121. | |
| 79.2 | 148.0 | 21263.9 | 45.0 | -61.3 | 99.9 | 256.6 | 3.9 | 3.5 | -1.7 | 514.4 | 999.9 | 99.9 | 999.9 | 74.1 121. | |
| 80.9 | 149.0 | 21546.8 | 43.0 | -60.2 | 99.9 | 324.9 | 4.6 | 2.6 | -3.7 | 523.8 | 999.9 | 99.9 | 999.9 | 74.4 121. | |
| 82.8 | 150.0 | 22000.9 | 40.0 | -57.4 | 99.9 | 323.9 | 12.0 | 7.1 | -9.7 | 541.7 | 999.9 | 99.9 | 999.9 | 75.4 121. | |
| 84.6 | 151.0 | 22494.9 | 37.0 | -56.2 | 99.9 | 328.9 | 6.1 | 4.6 | -6.6 | 556.9 | 999.9 | 99.9 | 999.9 | 76.0 121. | |
| 86.6 | 152.0 | 23033.8 | 34.0 | -54.9 | 99.9 | 279.7 | 0.7 | 0.7 | -0.1 | 574.0 | 999.9 | 99.9 | 999.9 | 76.8 122. | |
| 88.6 | 153.0 | 23624.7 | 31.0 | -54.6 | 99.9 | 248.0 | 3.8 | 3.5 | 1.4 | 590.3 | 999.9 | 99.9 | 999.9 | 77.2 121. | |
| 90.8 | 154.0 | 24051.5 | 29.0 | -54.8 | 99.9 | 320.9 | 2.3 | 1.5 | -1.8 | 601.2 | 999.9 | 99.9 | 999.9 | 77.3 121. | |
| 93.2 | 155.0 | 24750.8 | 26.0 | -54.4 | 99.9 | 310.7 | 9.2 | 6.3 | -6.7 | 621.2 | 999.9 | 99.9 | 999.9 | 78.1 121. | |
| 95.8 | 156.0 | 25540.3 | 23.0 | -52.1 | 99.9 | 327.7 | 9.3 | 5.0 | -7.9 | 650.3 | 999.9 | 99.9 | 999.9 | 79.3 122. | |
| 98.8 | 157.0 | 26449.7 | 20.0 | -49.9 | 99.9 | 321.9 | 0.7 | 0.4 | -0.5 | 683.4 | 999.9 | 99.9 | 999.9 | 80.1 122. | |
| 102.1 | 158.0 | 27137.5 | 18.0 | -50.7 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 701.9 | 999.9 | 99.9 | 999.9 | 999.9 999. | |

Fig. 2. (Continued)

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Table 4

Explanation of Column Headings of Tabulated Sounding Data
for the AVE IV Experiment

| | |
|----------------|---|
| TIME (MIN) | Time after balloon release. |
| CNTCT | Contact number. |
| HEIGHT (GPM) | Height of corresponding pressure surface in geopotential meters. |
| PRES (MB) | Pressure in millibars. |
| TEMP (DG C) | Ambient temperature in degrees Celsius. NOTE: An asterisk indicates that time from release and/or temperature were linearly interpolated. |
| DEW PT (DG C) | Dew point temperature in degrees Celsius. |
| DIR (DG) | Wind direction measured clockwise from true north and is the direction from which the wind is blowing. |
| SPEED (M/SEC) | Scalar wind speed in meters per second. NOTE: An asterisk indicates that wind quantities are based on an elevation angle that is between 10° and 6°. A double asterisk indicates that the elevation angle is less than 6°. |
| U COMP (M/SEC) | The E-W wind component, positive toward the east and negative toward the west. |
| V COMP (M/SEC) | The N-S wind component, positive toward the north and negative toward the south. |
| POT T (DG K) | Potential temperature in degrees Kelvin. |
| E POT T (DG K) | Equivalent potential temperature in degrees Kelvin. |
| MX RTO (GM/KG) | Mixing ratio in grams per kilogram. |
| RH (PCT) | Relative humidity in percent. |
| RANGE (KM) | Distance balloon is from release point along a radius vector. |
| AZ (DG) | Direction toward balloon measured clockwise from true north. |

Space Flight Center, Aerospace Environment Division, Space Sciences Laboratory, Marshall Space Flight Center, Alabama 35812.

The contact data interpolated for 25-mb intervals are presented following Section V. The column headings are identical to those used for the contact data and are described in Table 4. The soundings are arranged by time and appear in ascending order by station number for each time. The first line of data indicates the surface report which is followed by data from 1000 to 25 mb. In cases where the surface pressure is less than the given 25-mb pressure value, missing data (nines) are indicated for each quantity. This is also done when the sounding terminates before the 25-mb level is reached.

Table 5

List of Missing Soundings

| <u>Station</u> | <u>Date/GMT</u> | <u>Reason for Omission</u> |
|--|---|---|
| 562 North Platte, Nebraska | 25/0600 | Sounding not taken. |
| 486 Fort Totten, New York | 25/0600 | Pen out of ink, no visible trace. |
| 11001 Marshall Space Flight Center, Alabama | 24/0000 | Sounding not taken. |
| 402 Wallops Island, Virginia | 24/0000 24/0600 24/1200 25/0000 25/1200 | Wind data only missing. Thermodynamic data were computed normally. |
| 20002 Fort Sill, Oklahoma | 24/0000 24/1500 24/2100 25/0600 25/1200 | Soundings not taken. |

V. Synoptic Charts

Synoptic charts for the surface-, 850-, 700-, 500-, 400-, 300-, and 200-mb levels for each observation time are presented in Figs. 3-11. The surface maps were prepared by the National Weather Service. The charts are intended to depict the overall synoptic situation during the observational period and should be reanalyzed when accuracy is a key factor.

Acknowledgements

The tasks of processing the AVE IV data and preparing this report required the efforts of approximately 15 people. The work is often tedious and yet must be performed with great care and speed. The authors are grateful to every person who worked diligently behind the scenes to accomplish this important task.

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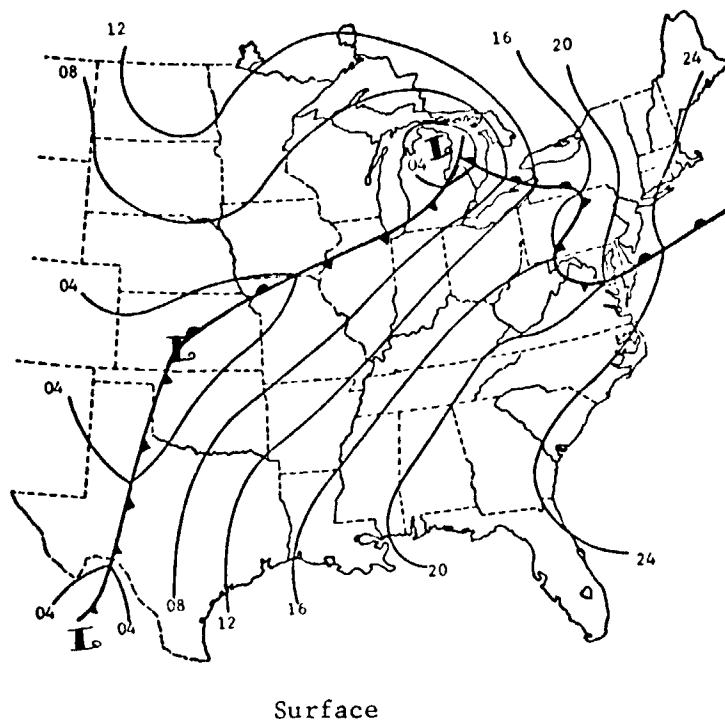


Fig. 3. Synoptic charts for 0000 GMT, 24 April 1975.

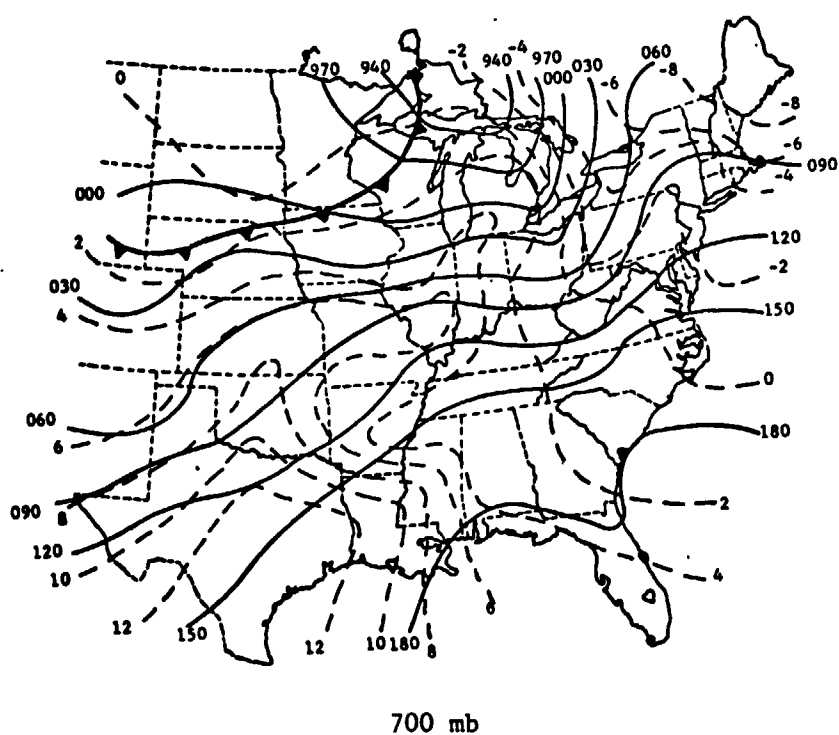
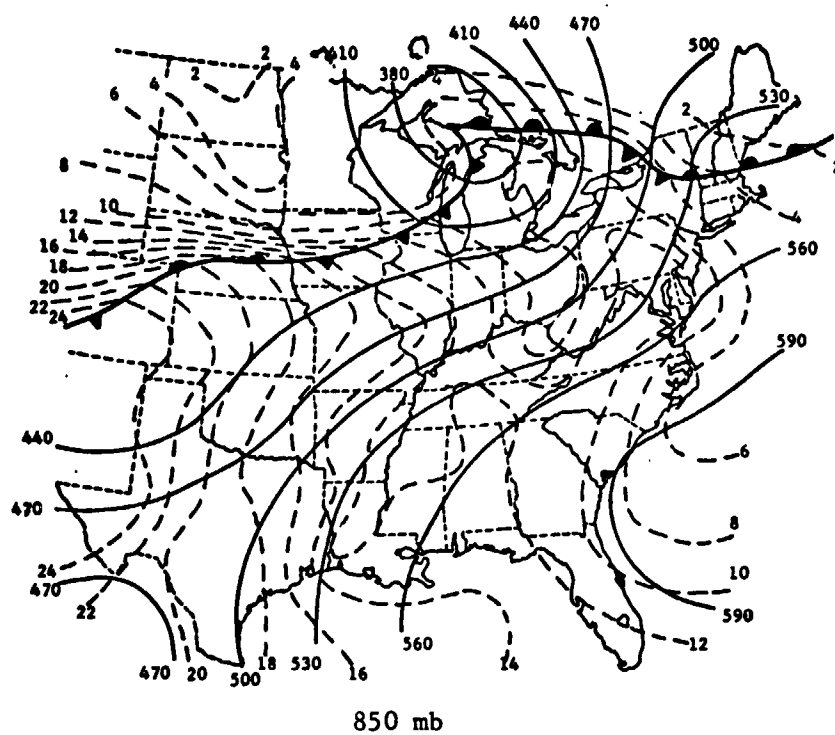
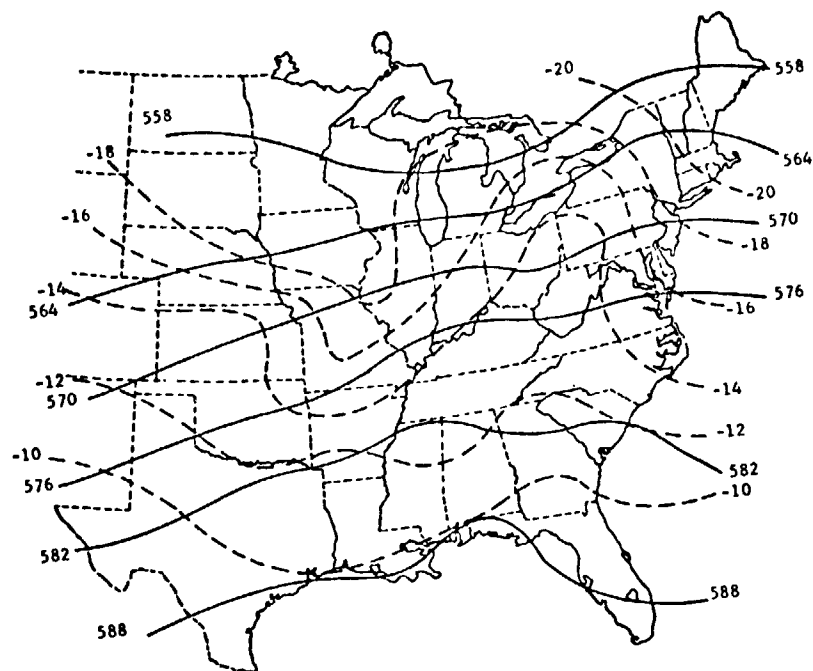
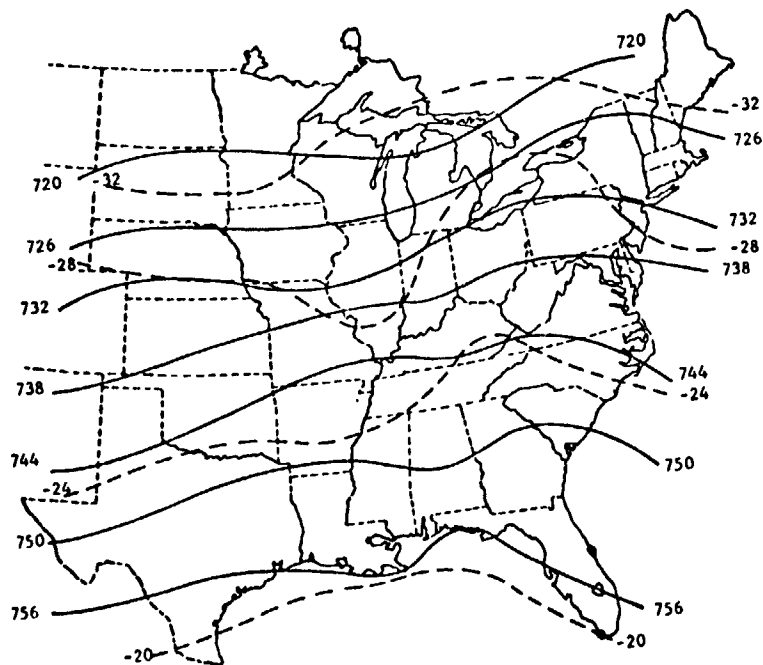


Fig. 3. (Continued)



500 mb



400 mb

Fig. 3. (Continued)

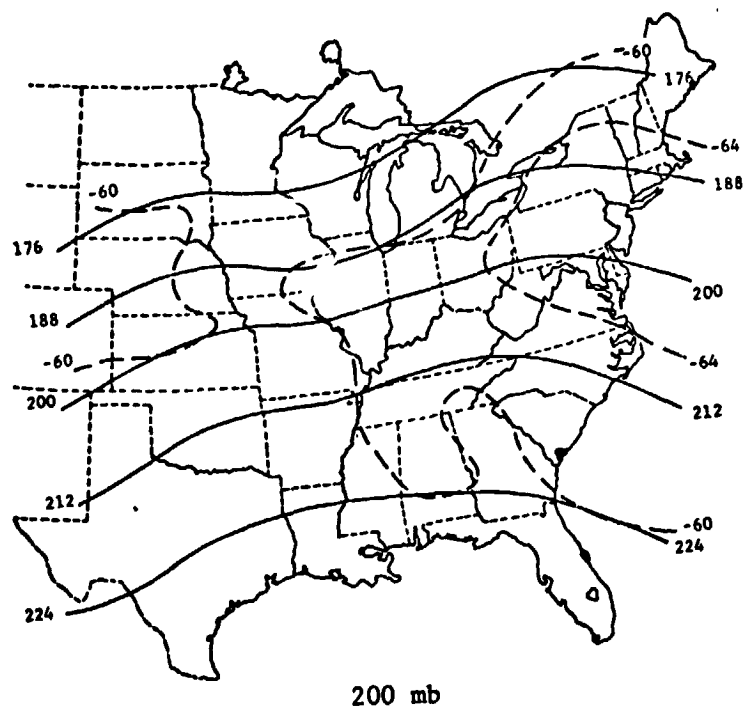
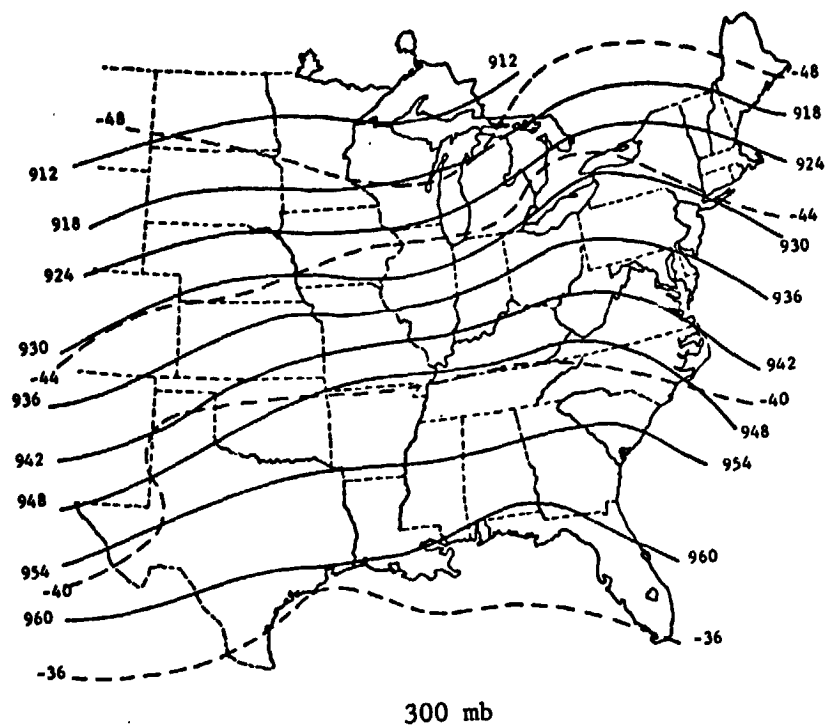
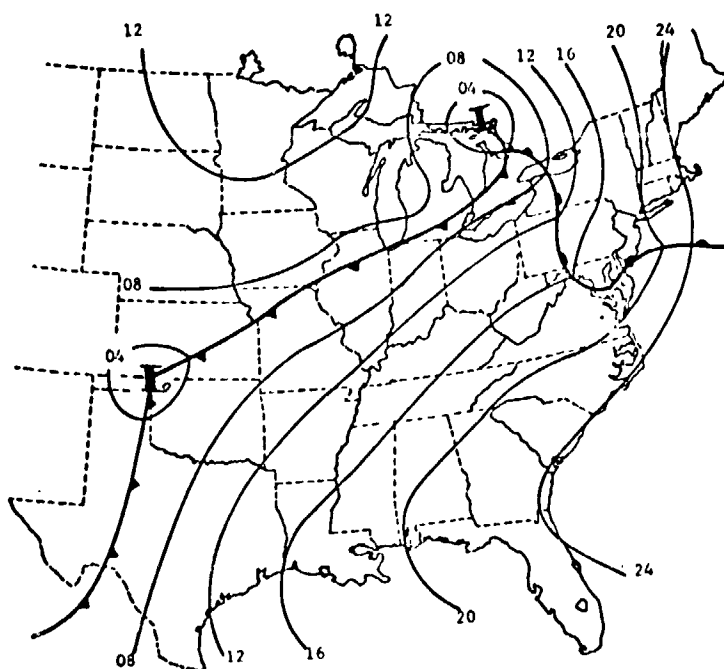
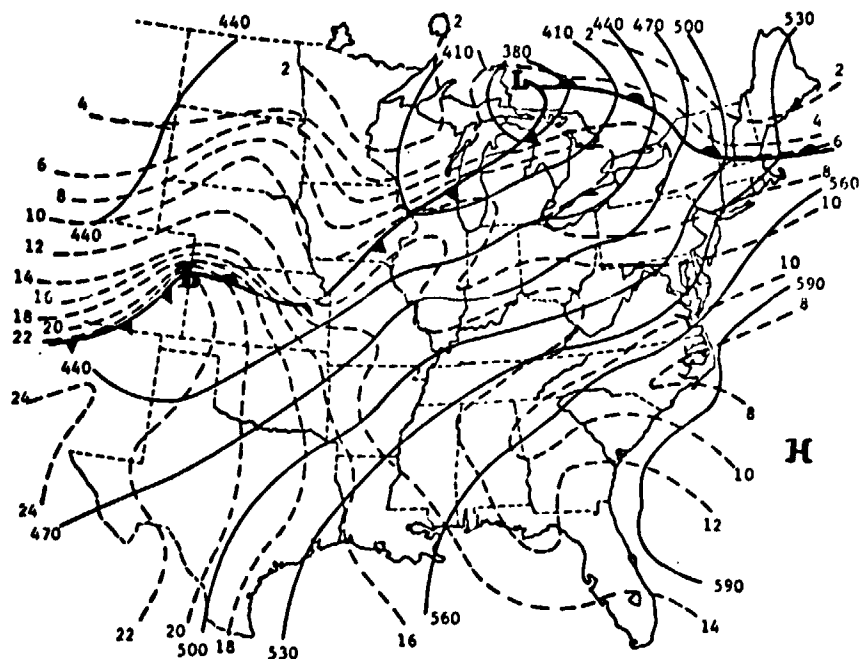


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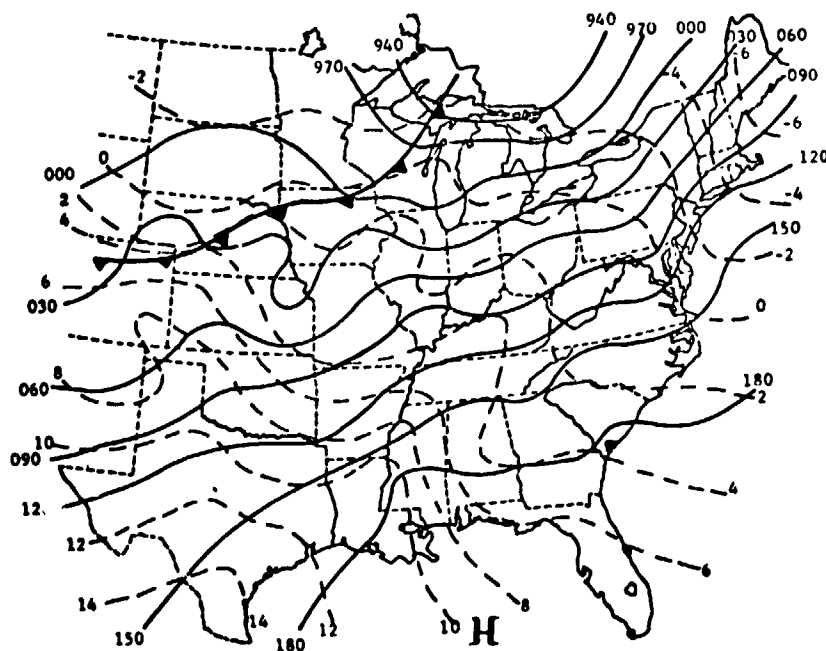


Surface

Fig. 4. Synoptic charts for 0600 GMT, 24 April 1975.



850 mb



700 mb

Fig. 4. (Continued)

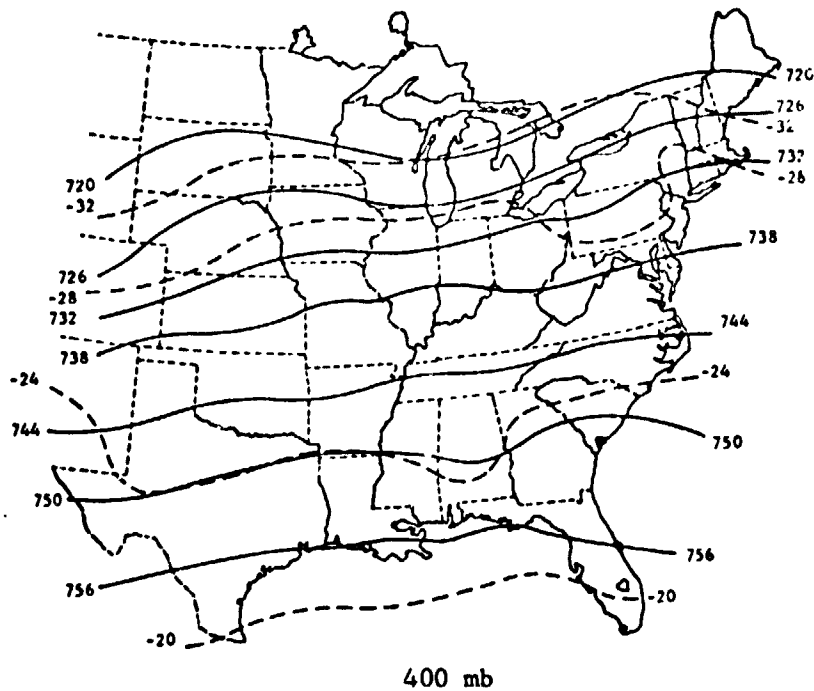
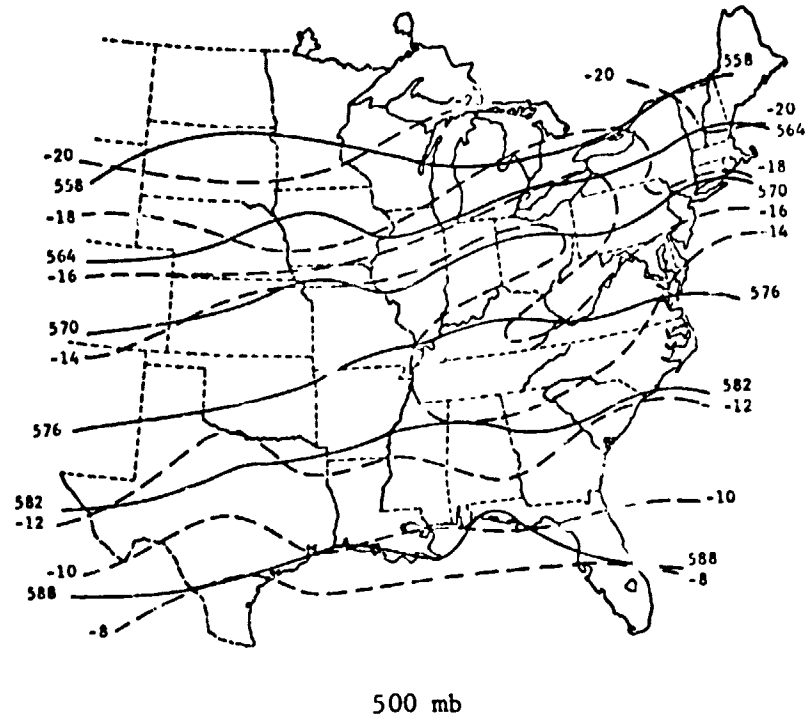


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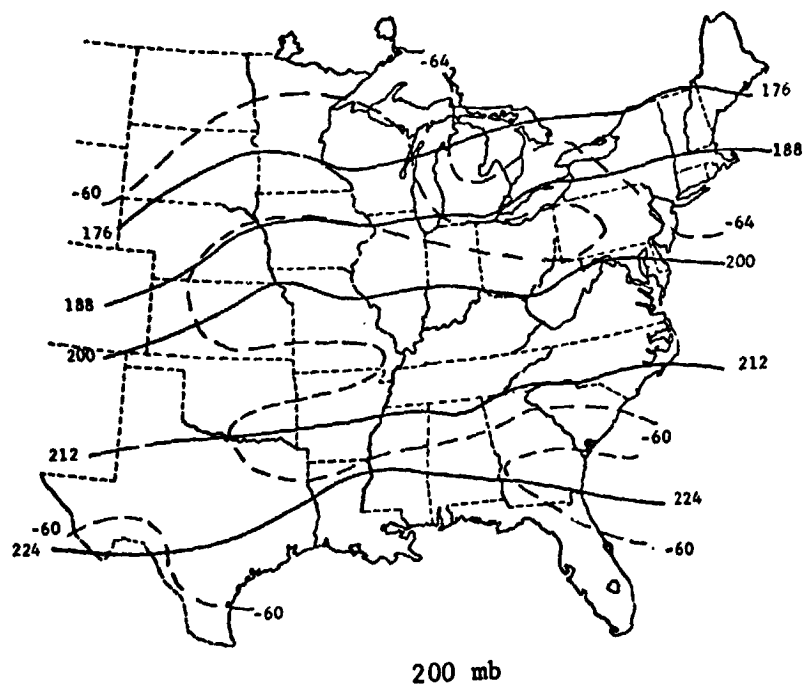
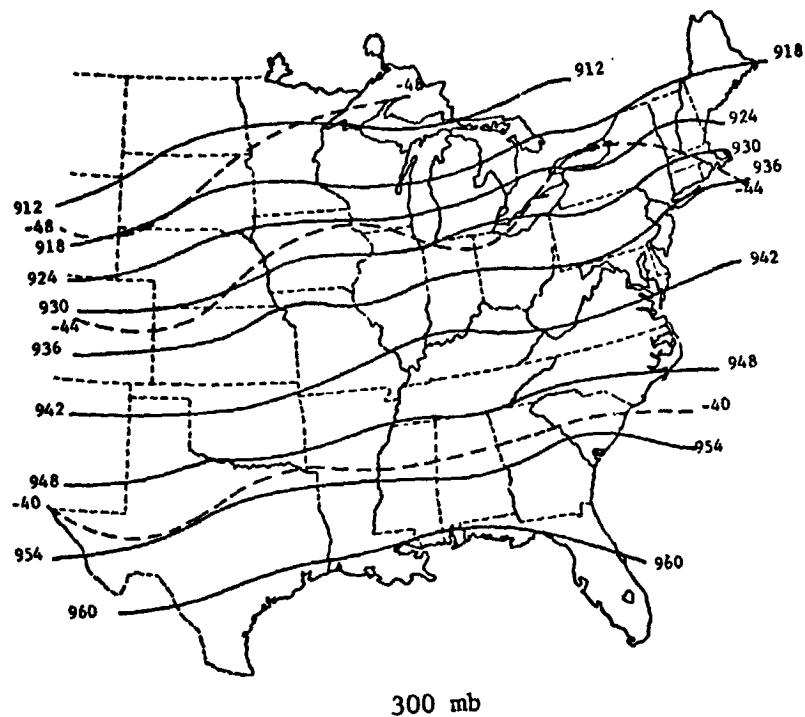


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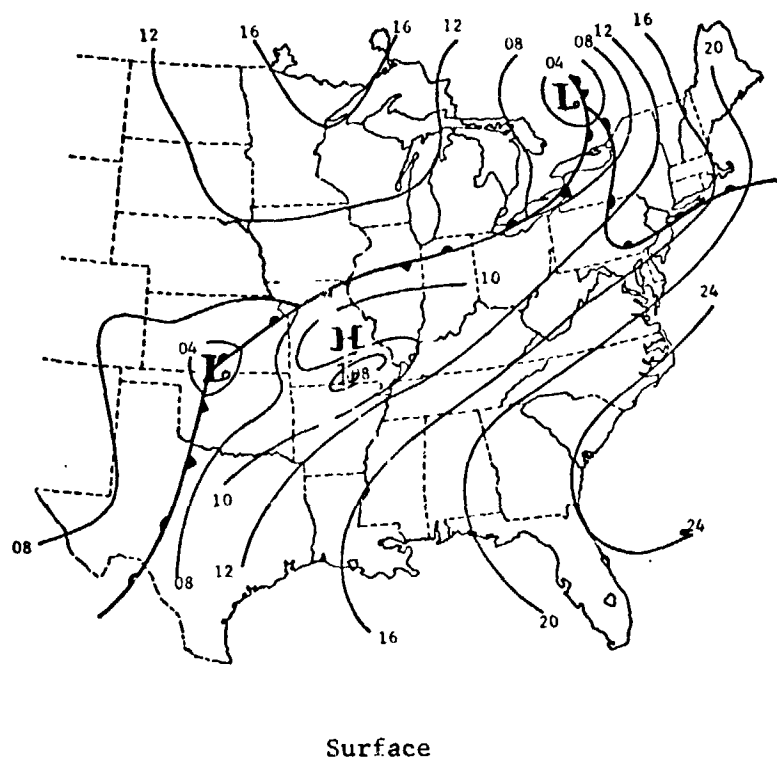
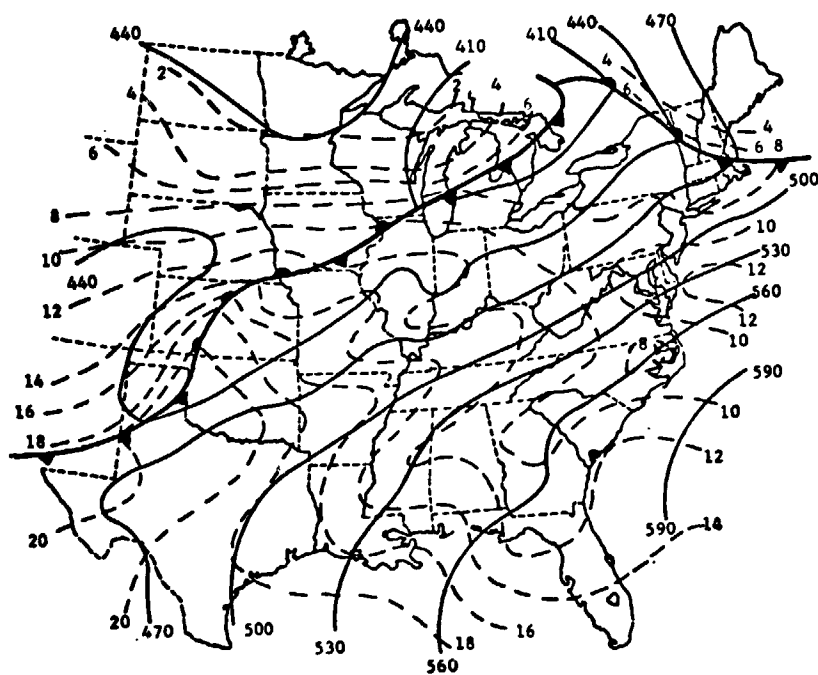
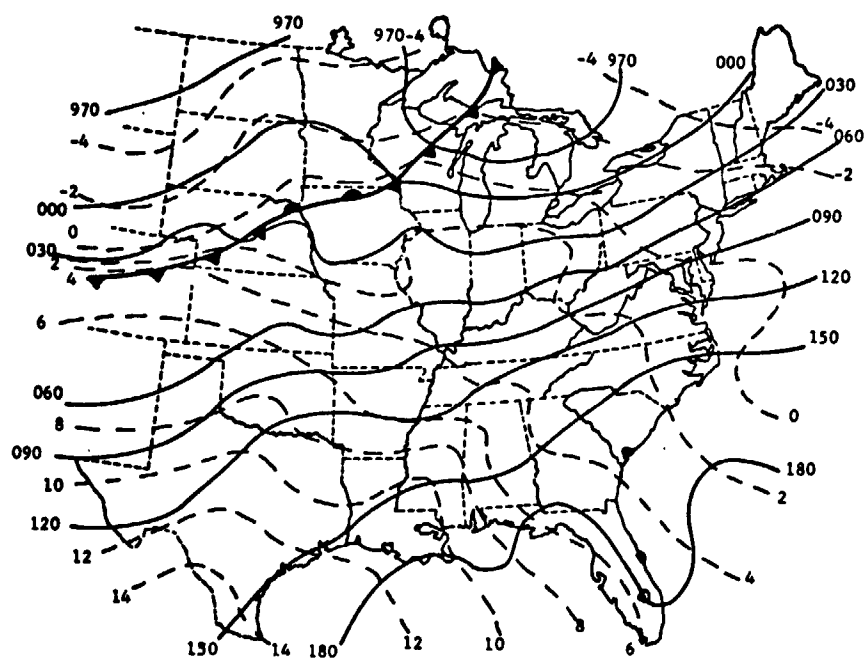


Fig. 5. Synoptic charts for 1200 GMT, 24 April 1975.

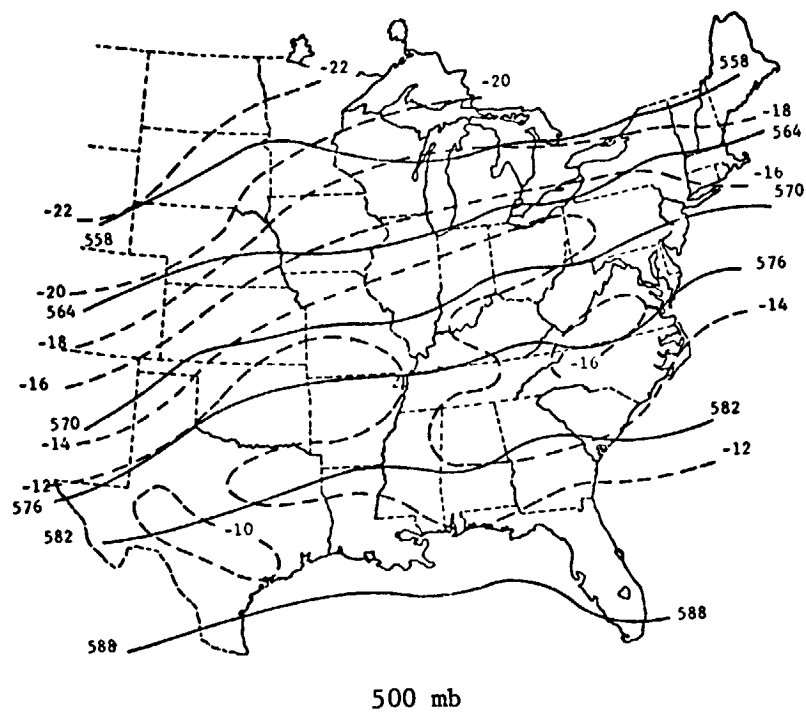


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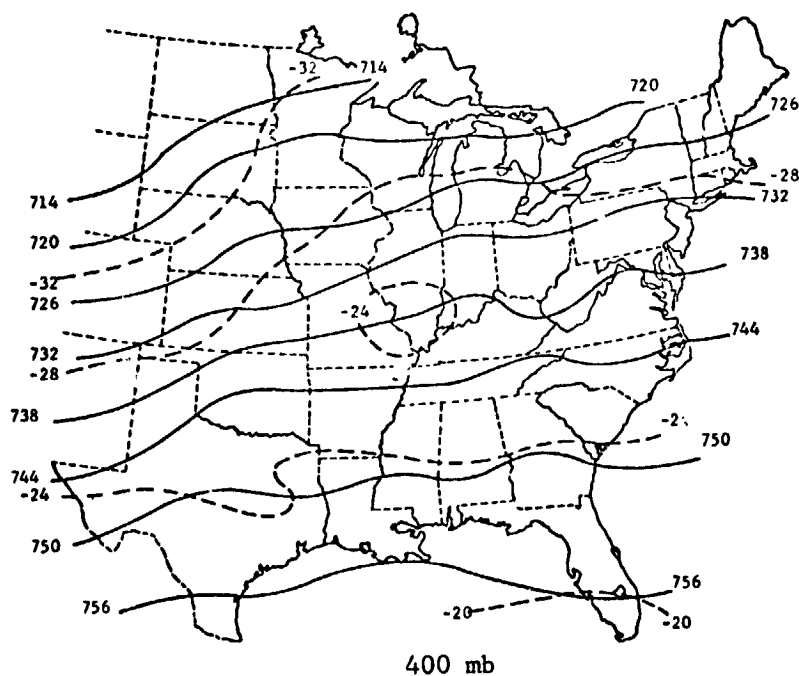


700 mb

Fig. 5. (Continued)



500 mb



400 mb

Fig. 5. (Continued)

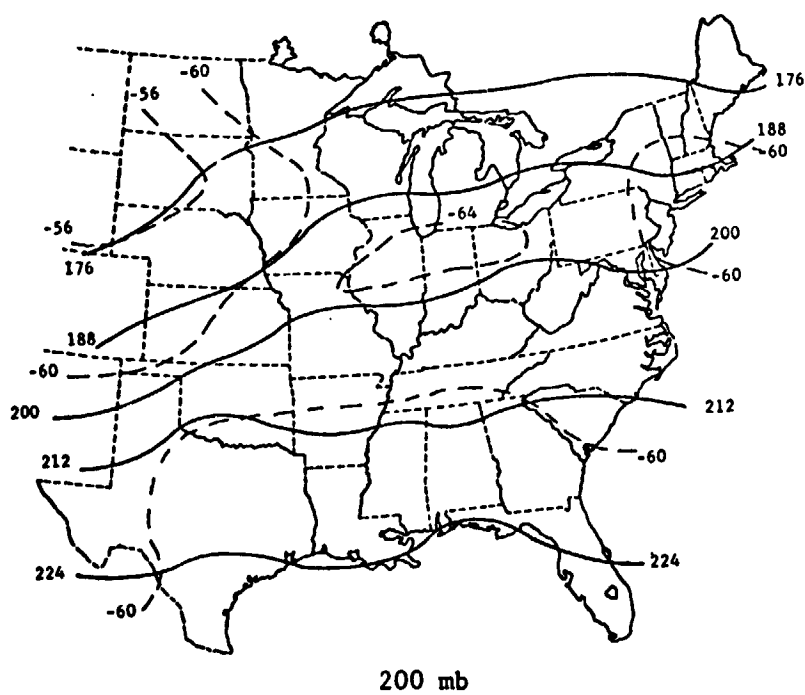
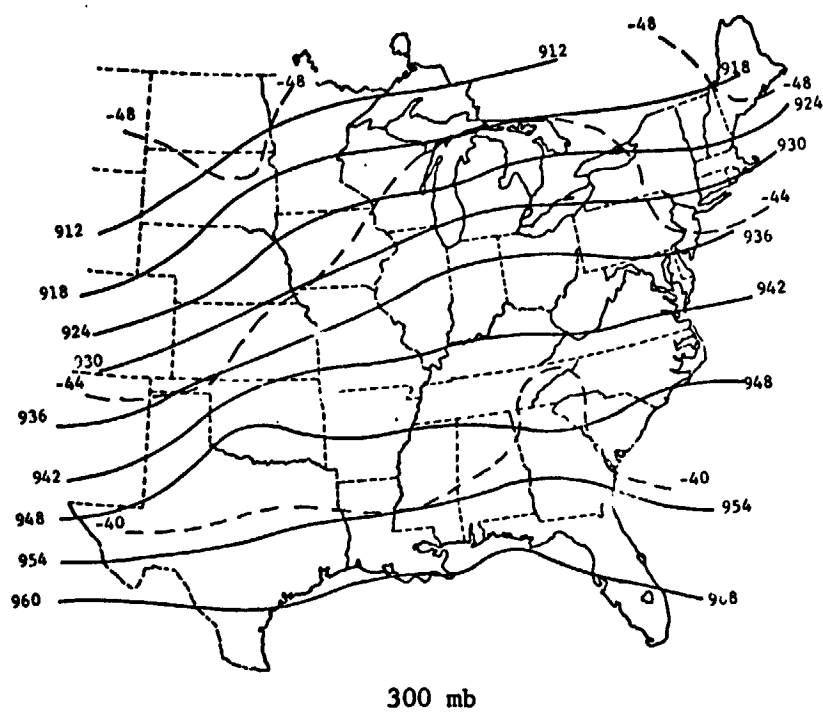
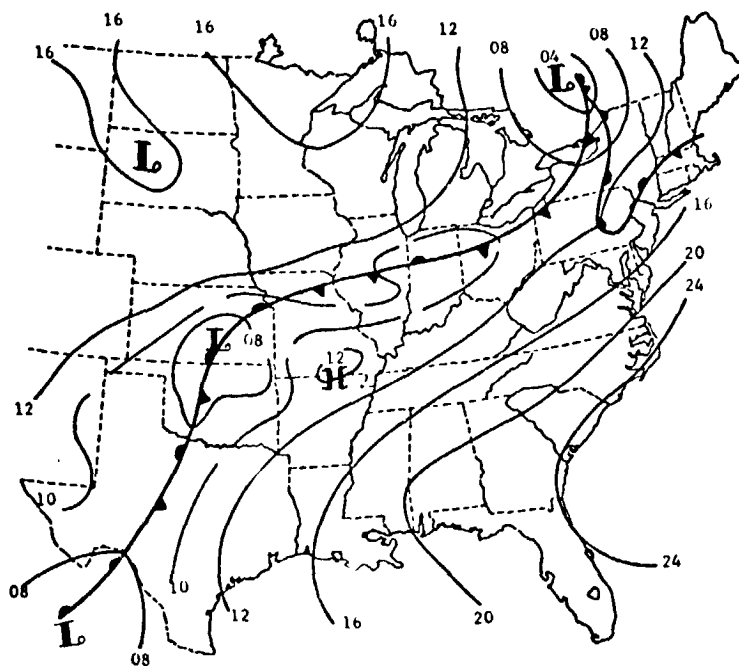
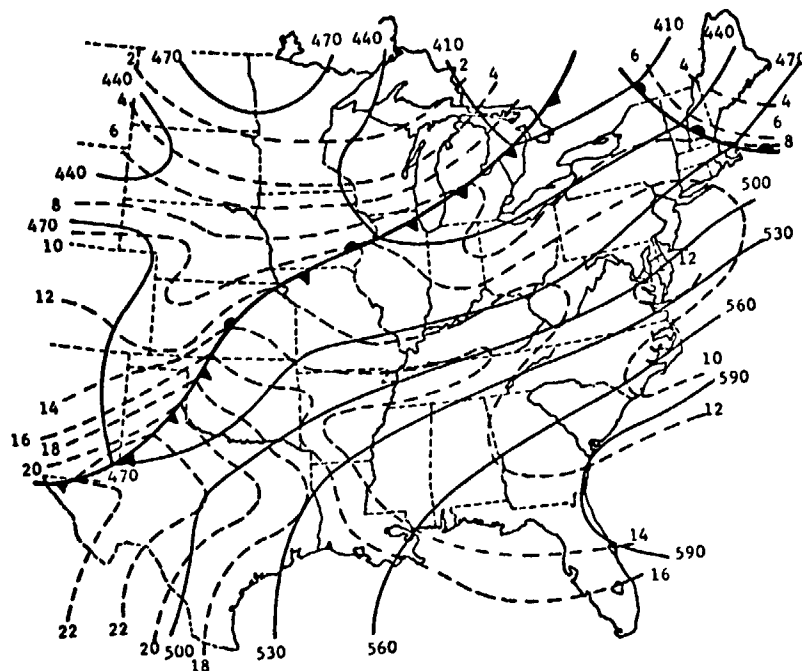


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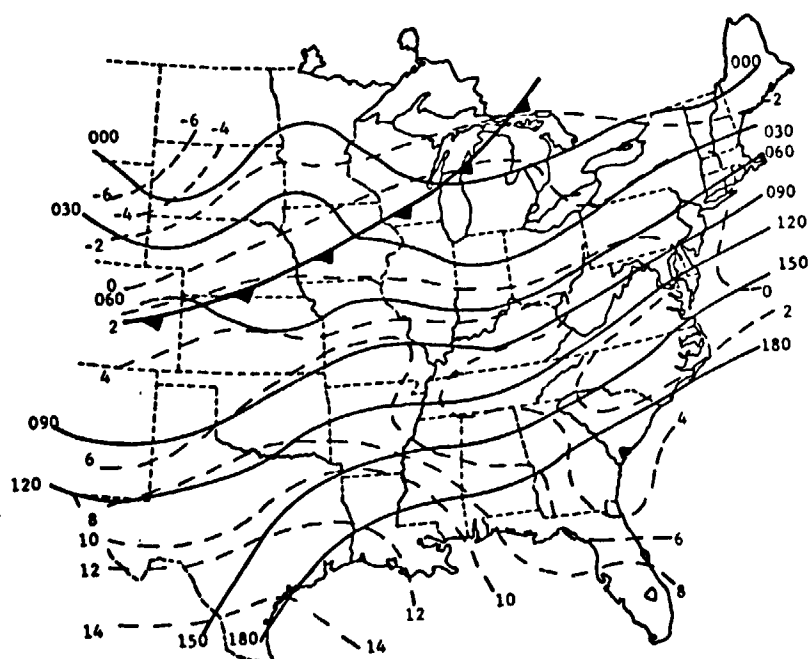


Surface

Fig. 6. Synoptic charts for 1500 GMT, 24 April 1975.

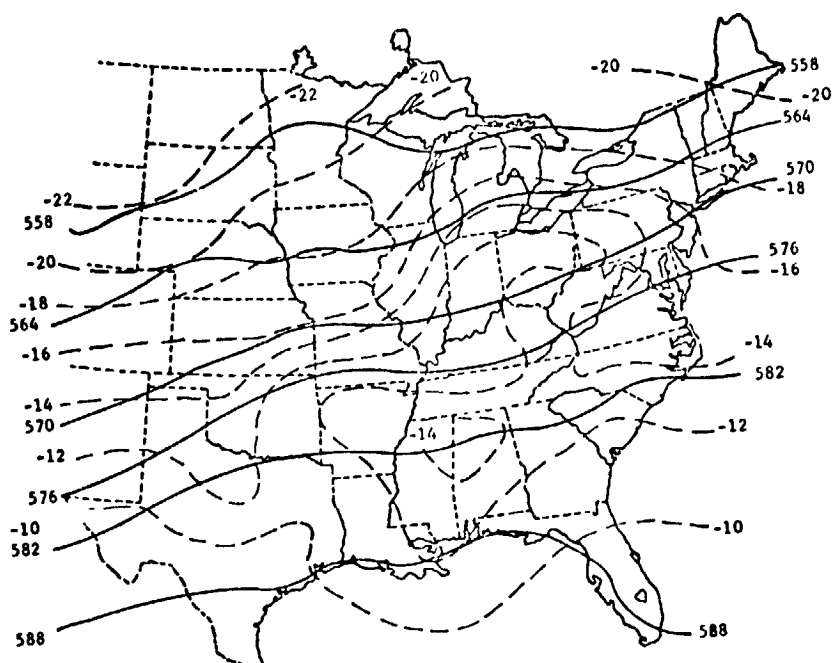


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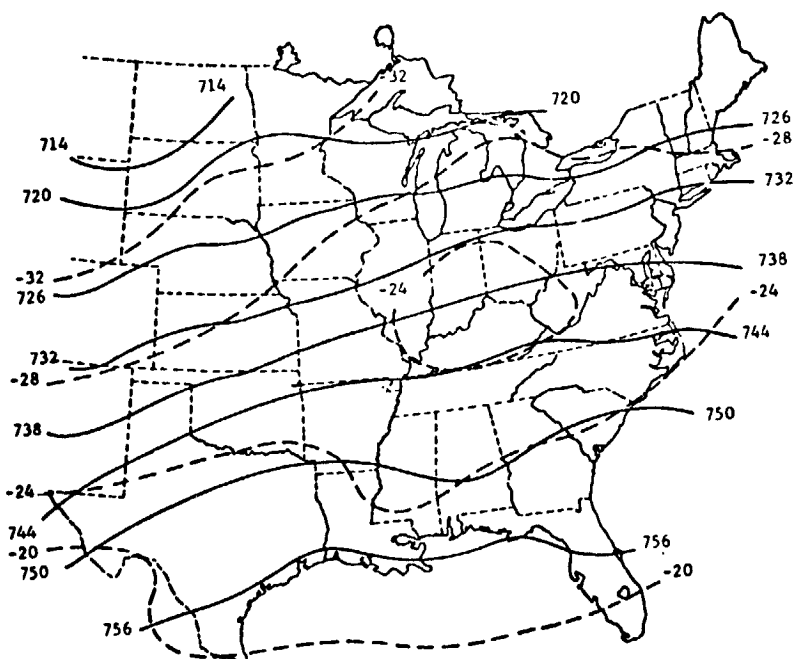


700 mb

Fig. 6. (Continued)

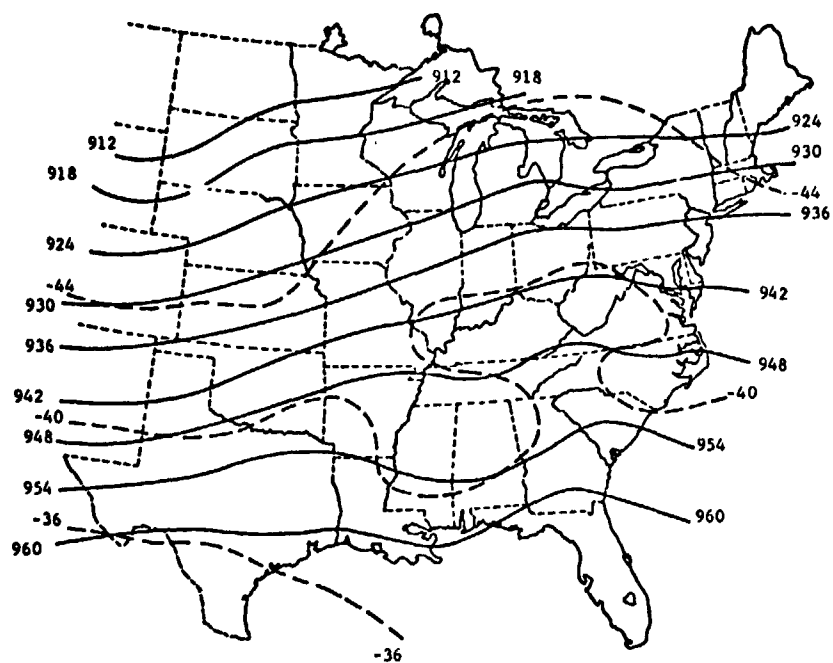


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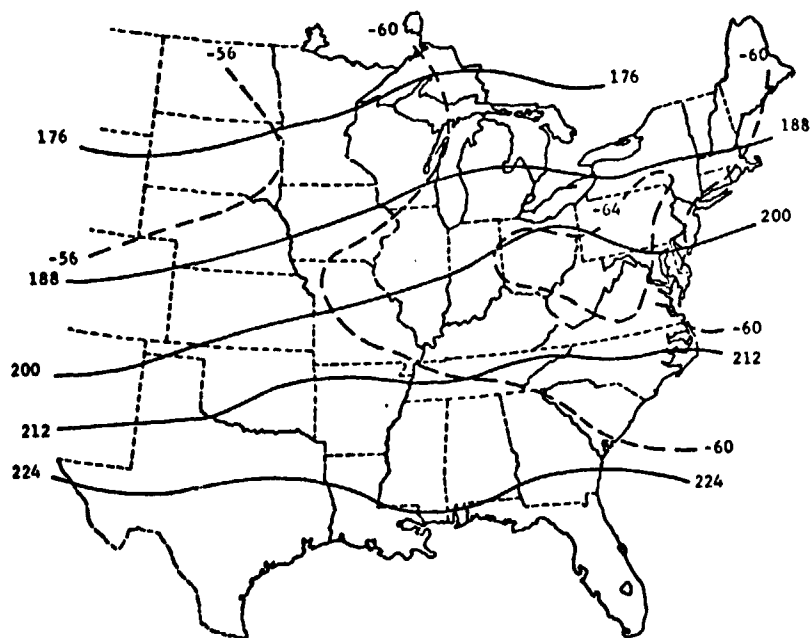


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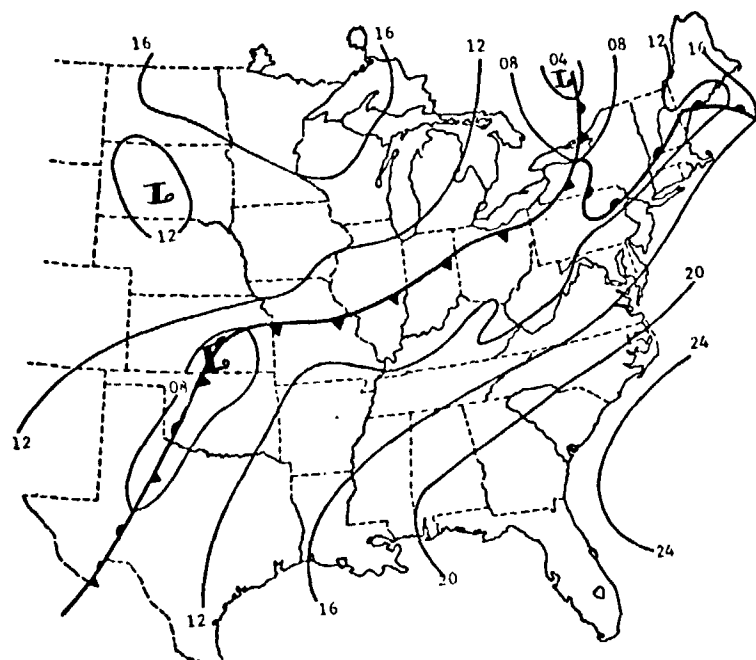


300 mb



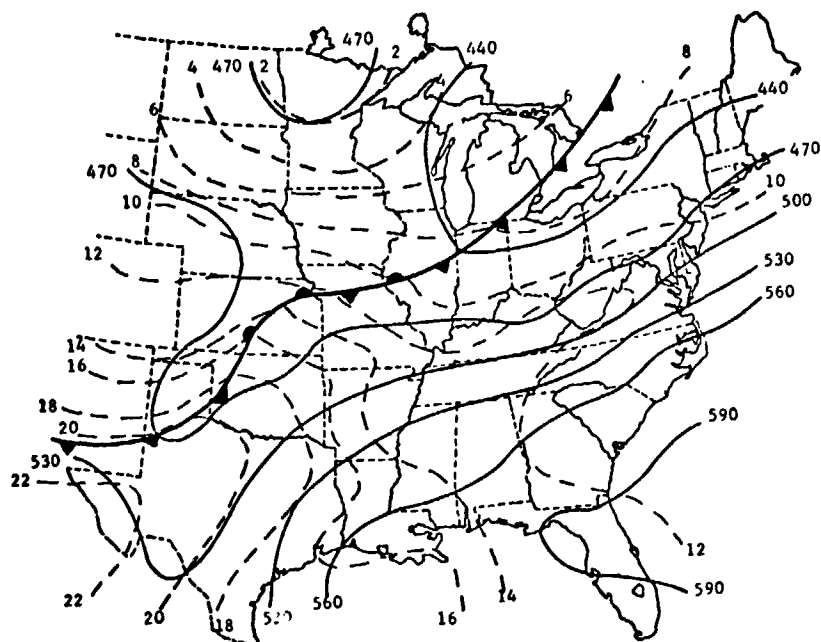
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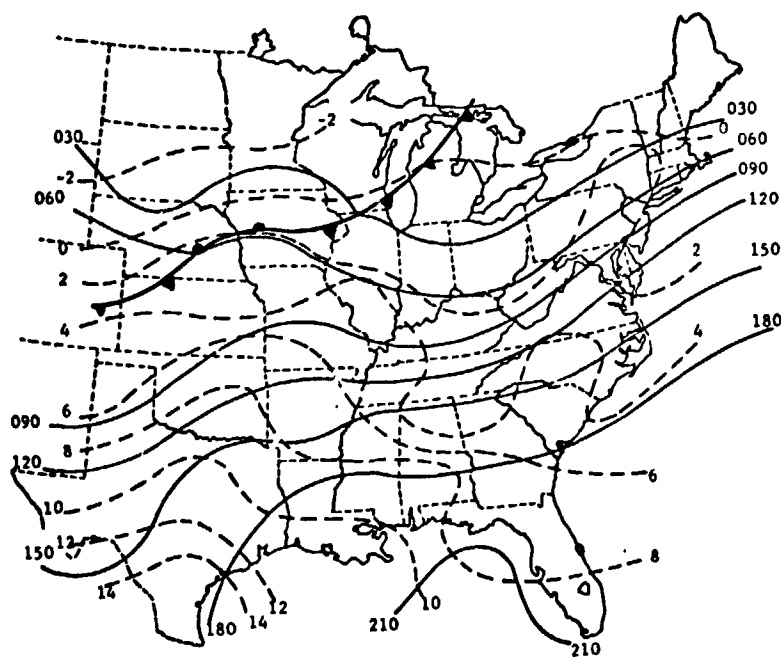


Surface

Fig. 7. Synoptic charts for 1800 GMT, 24 April 1975.



850 mb



700 mb

Fig. 7. (Continued)

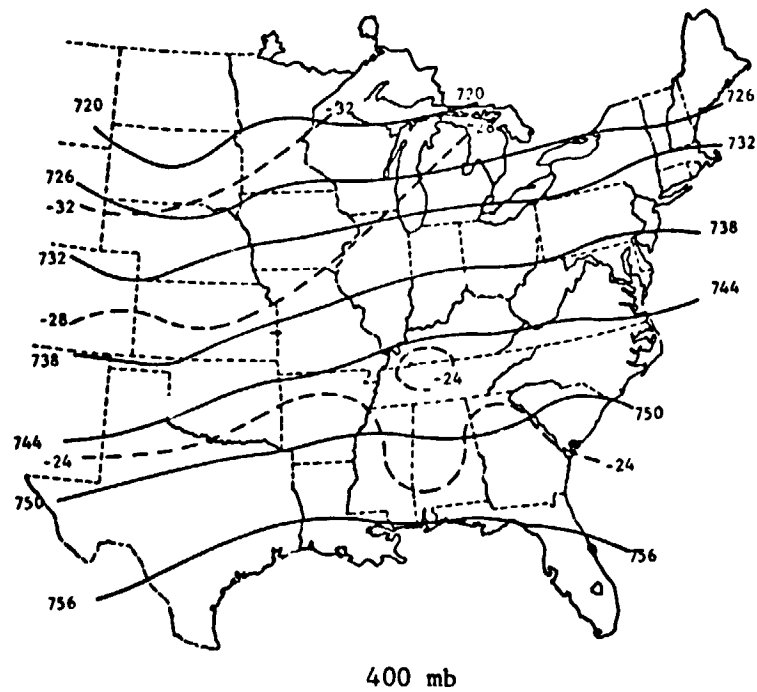
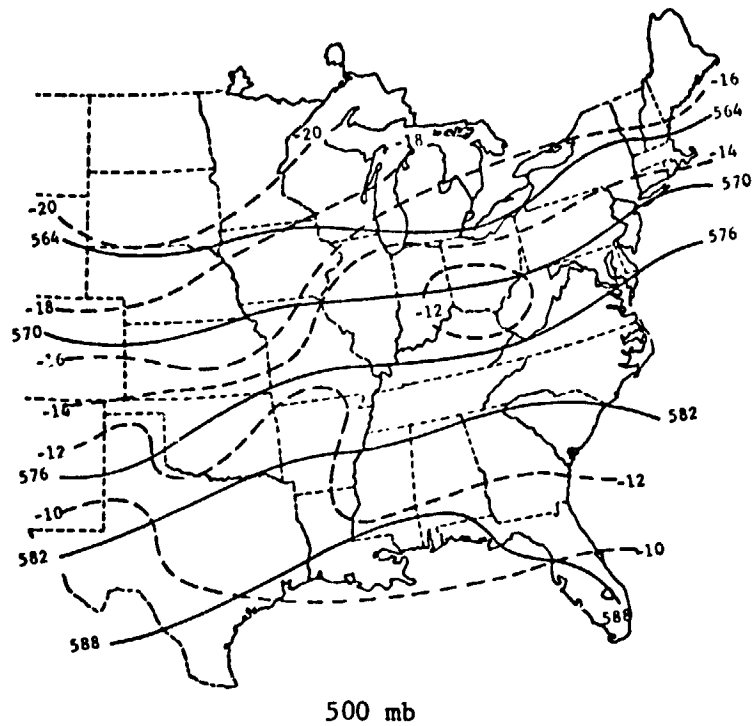
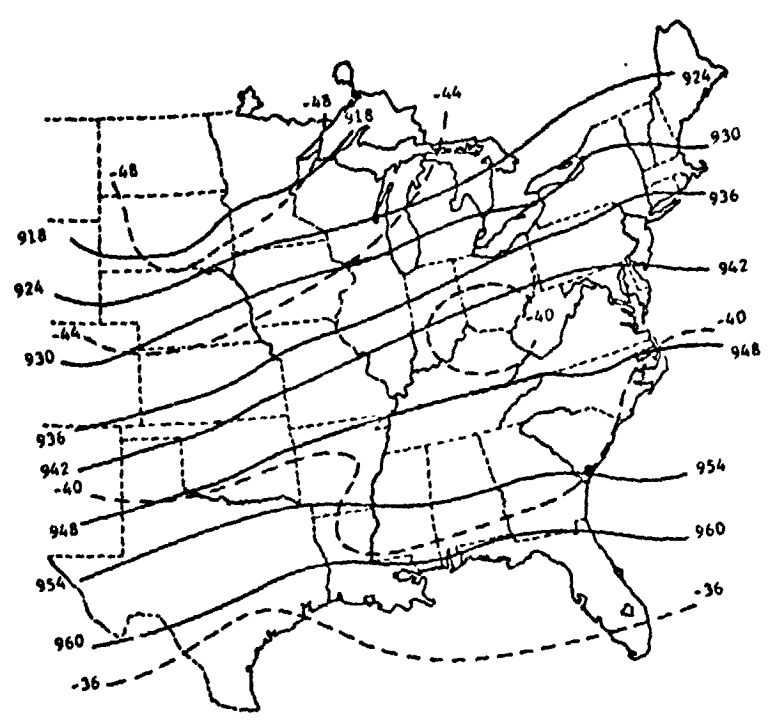
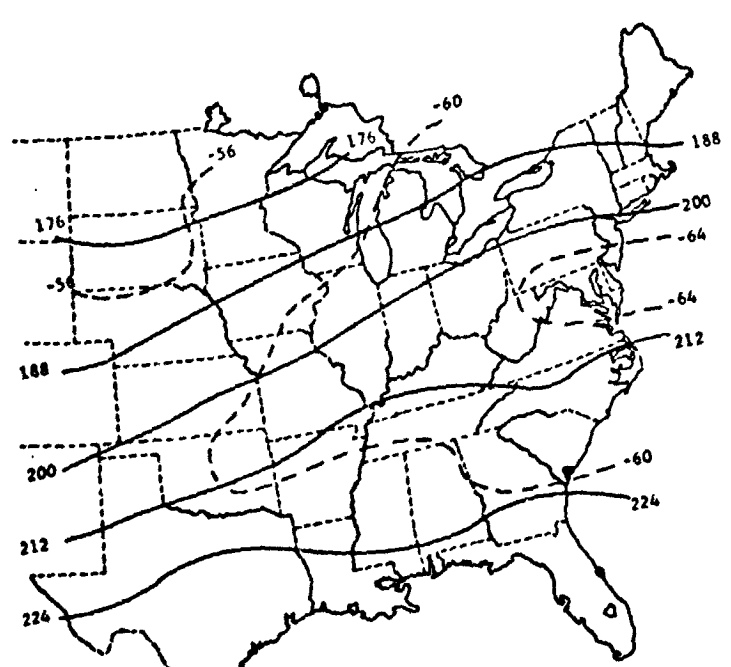


Fig. 7. (Continued)



300 mb



200 mb

Fig. 7. (Continued)

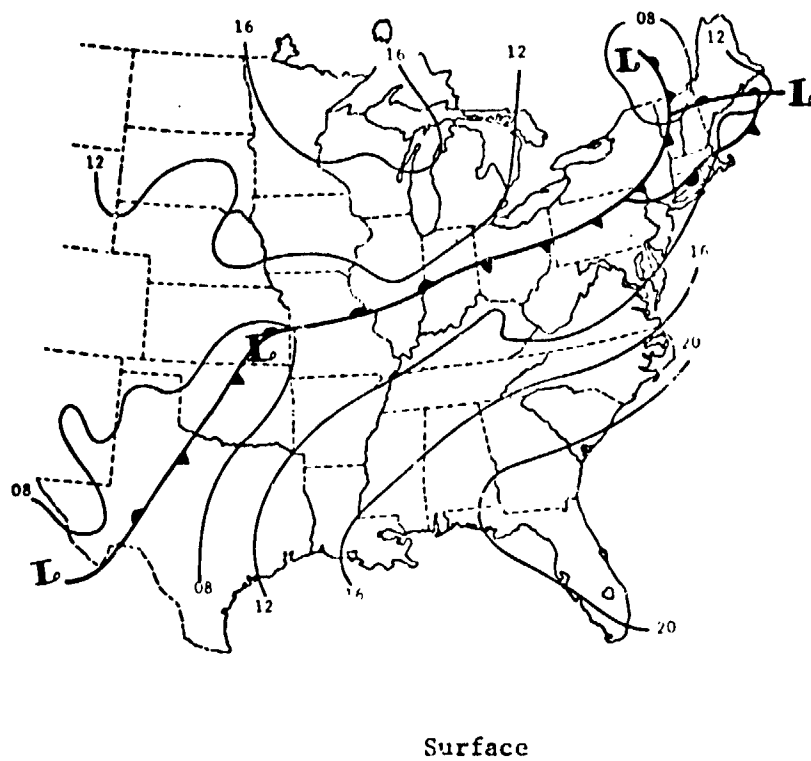
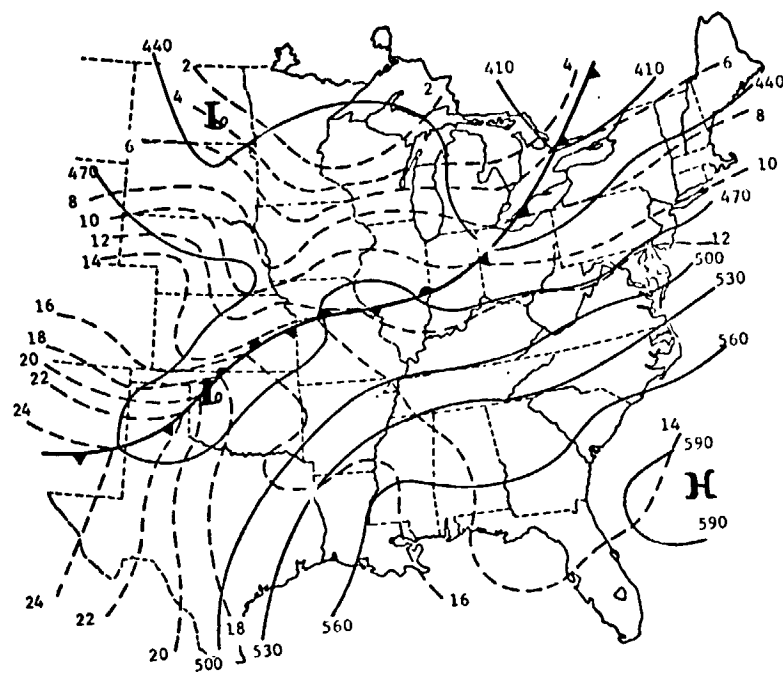
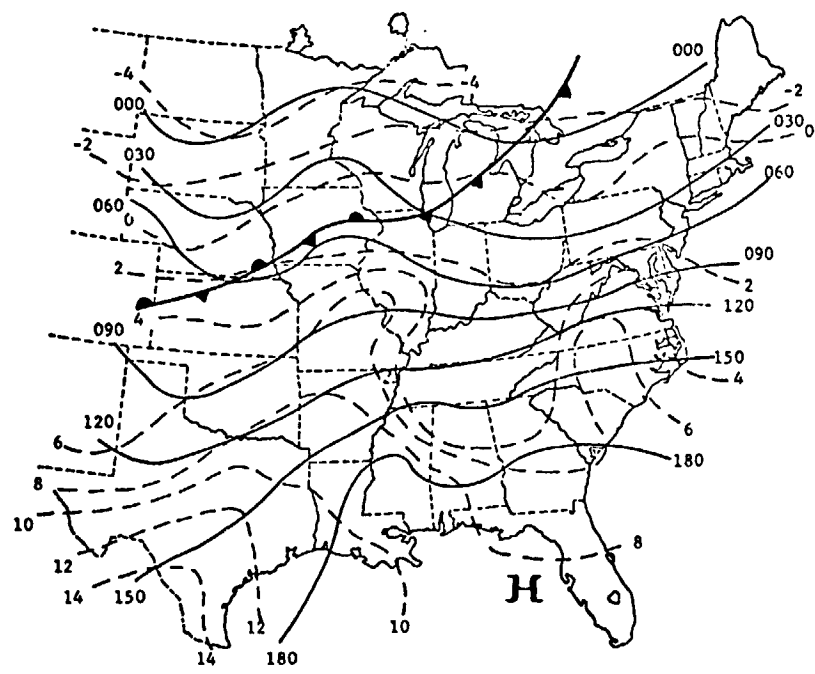


Fig. 8. Synoptic charts for 2100 GMT, 24 April 1975.

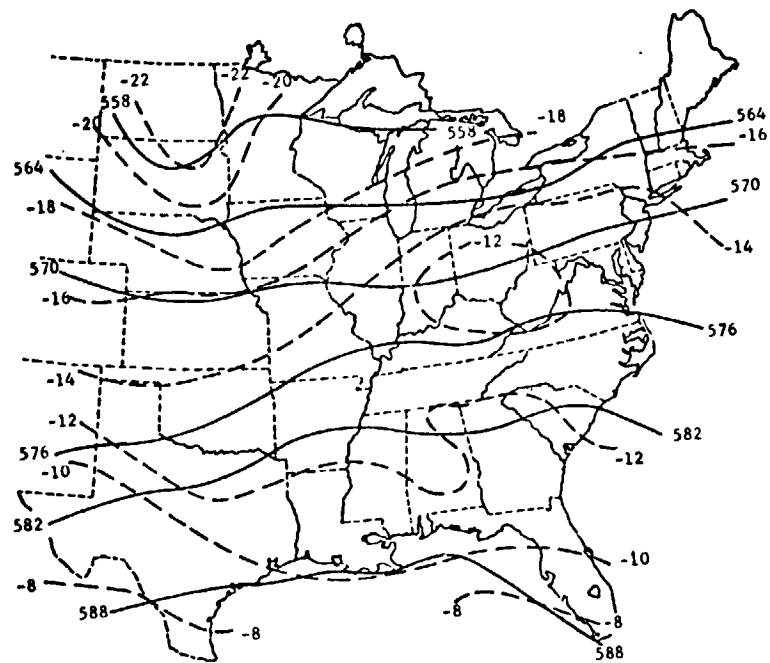


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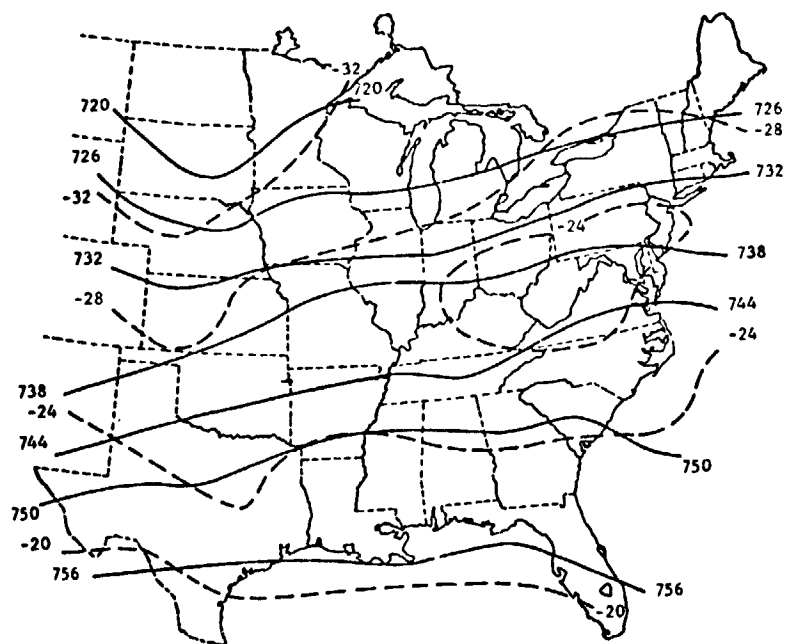


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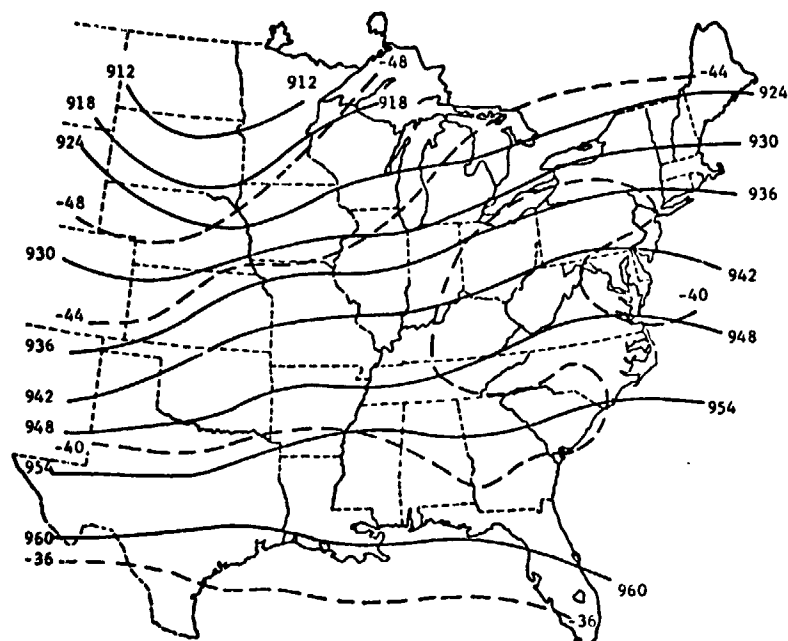


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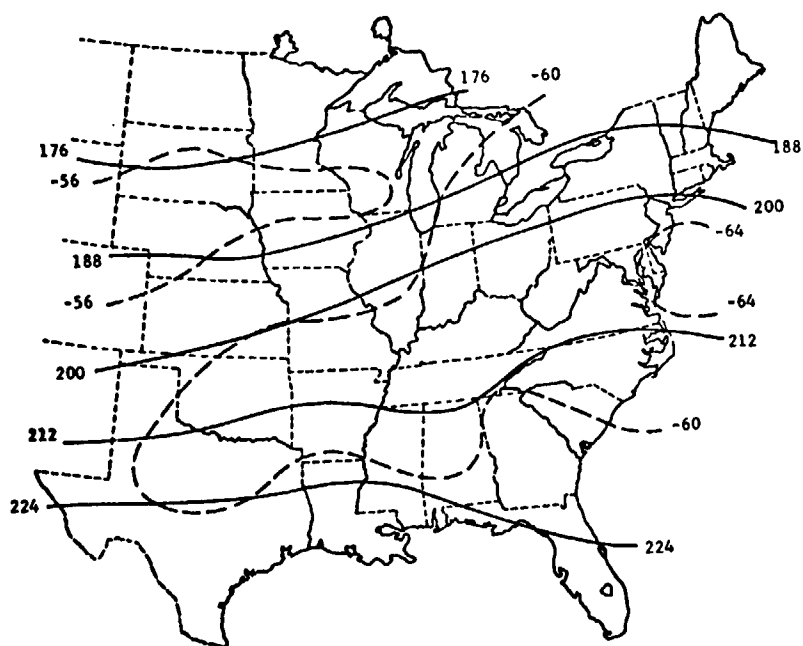


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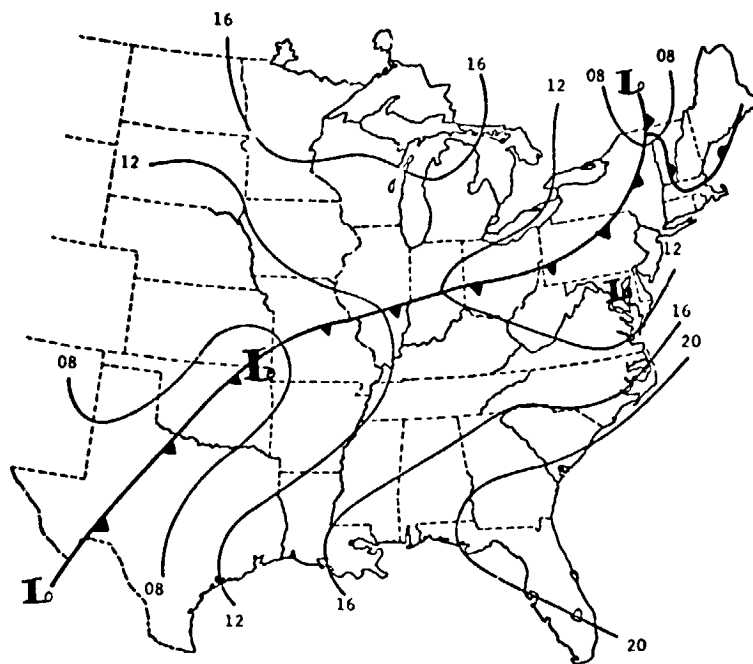


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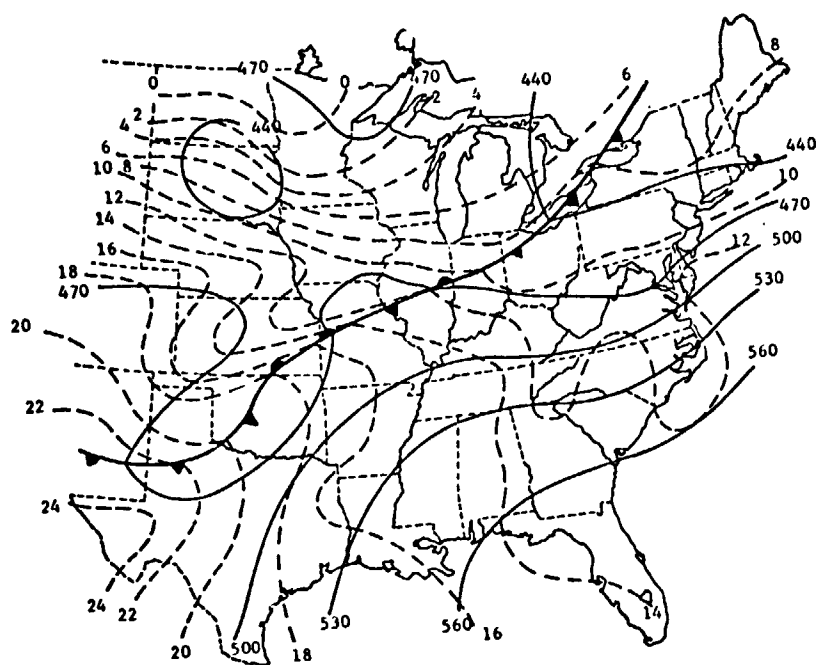
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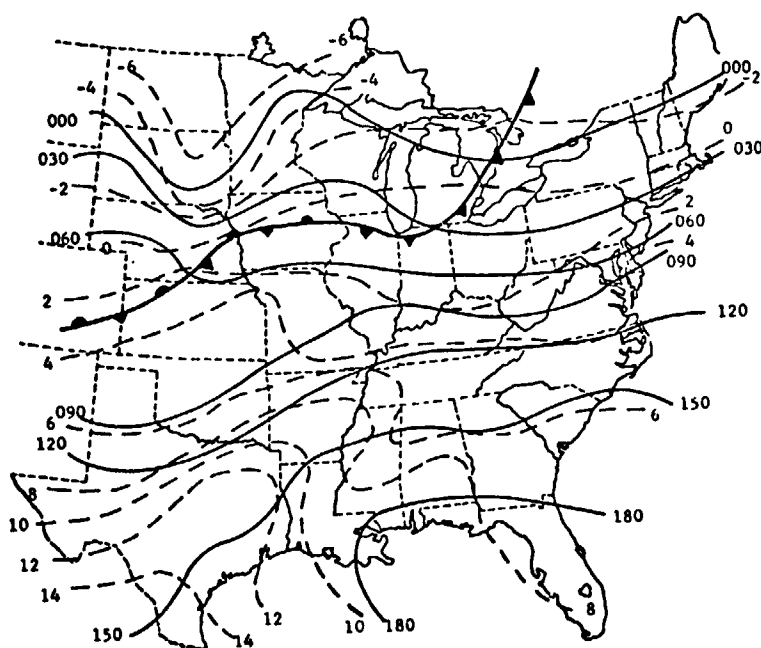


Surface

Fig. 9. Synoptic charts for 0000 GMT, 25 April 1975.

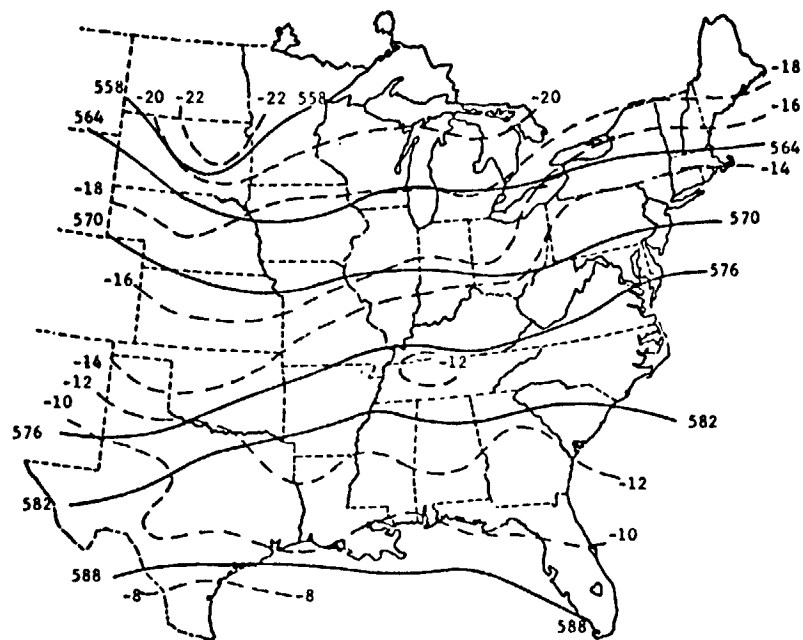


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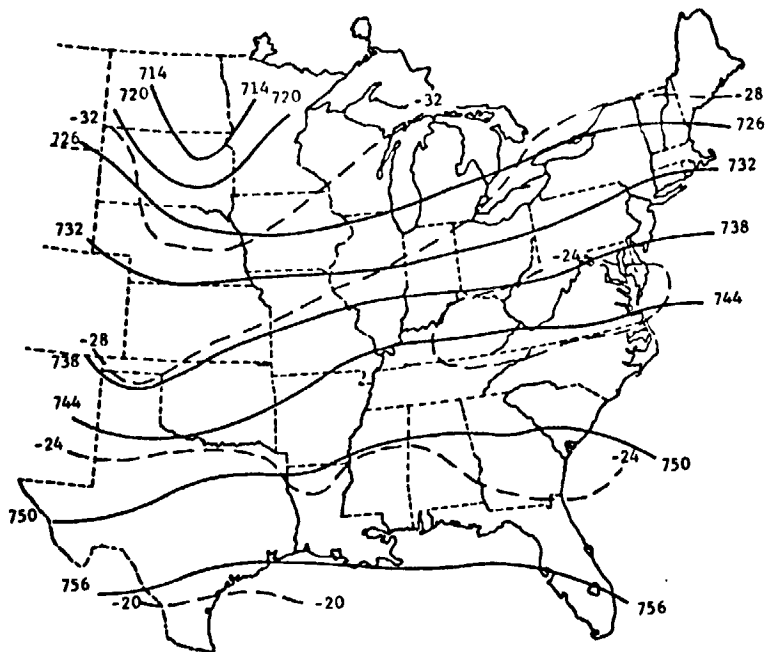


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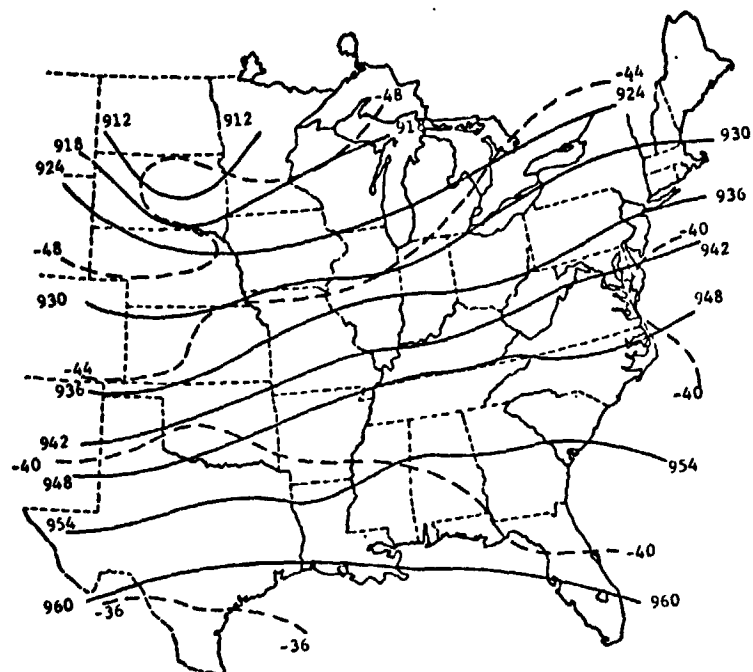


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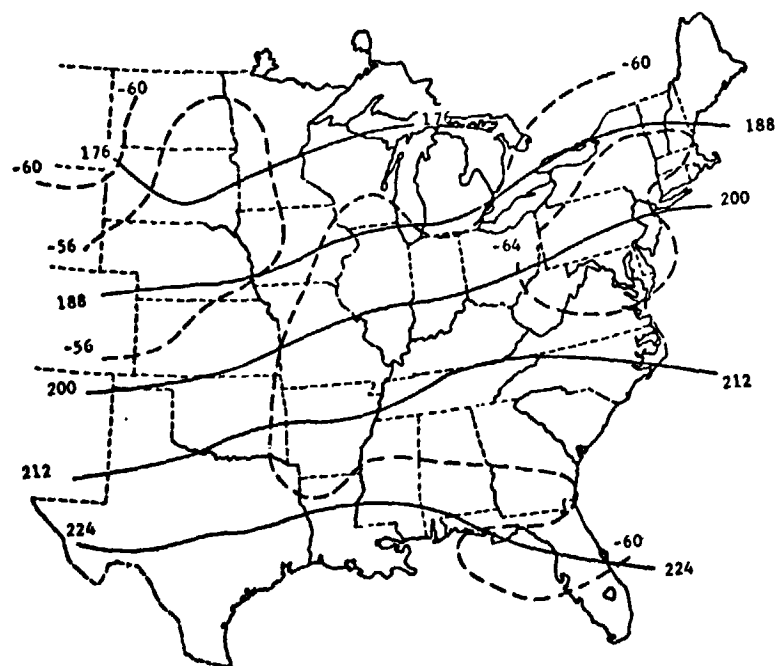


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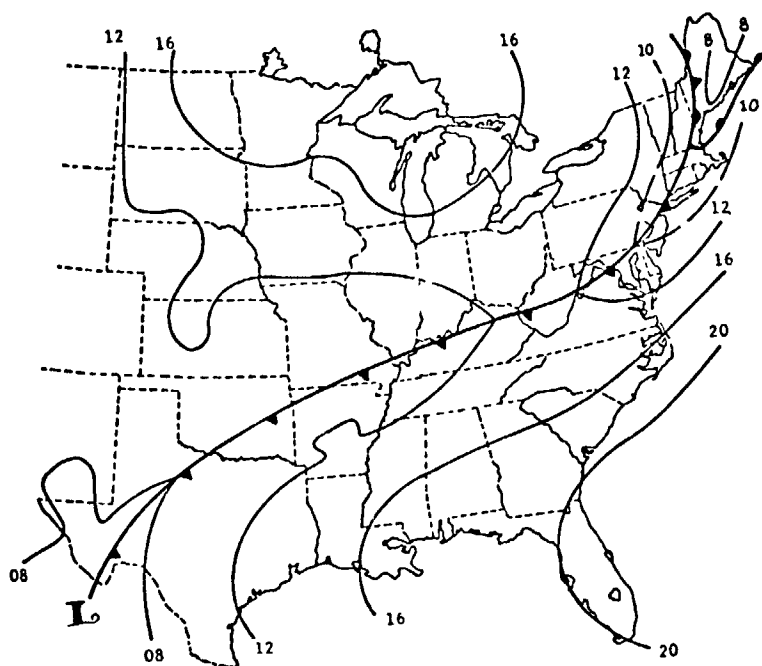


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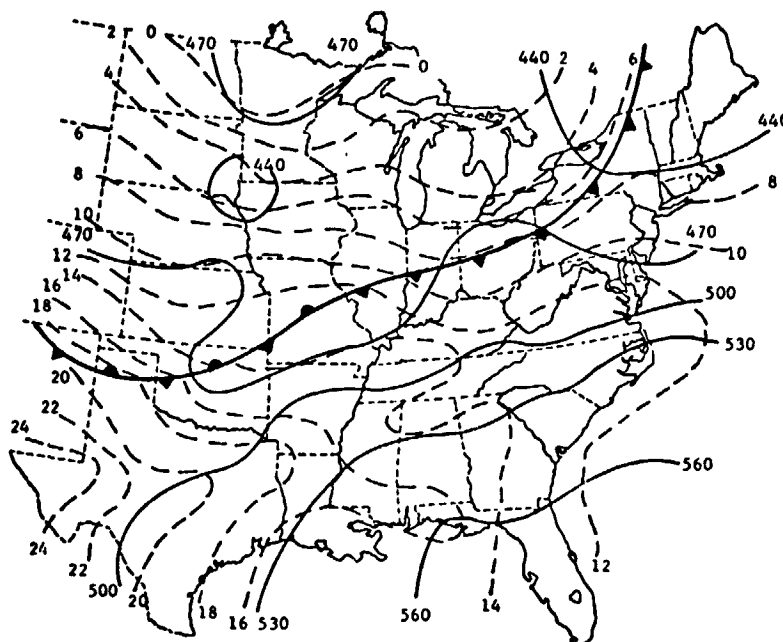
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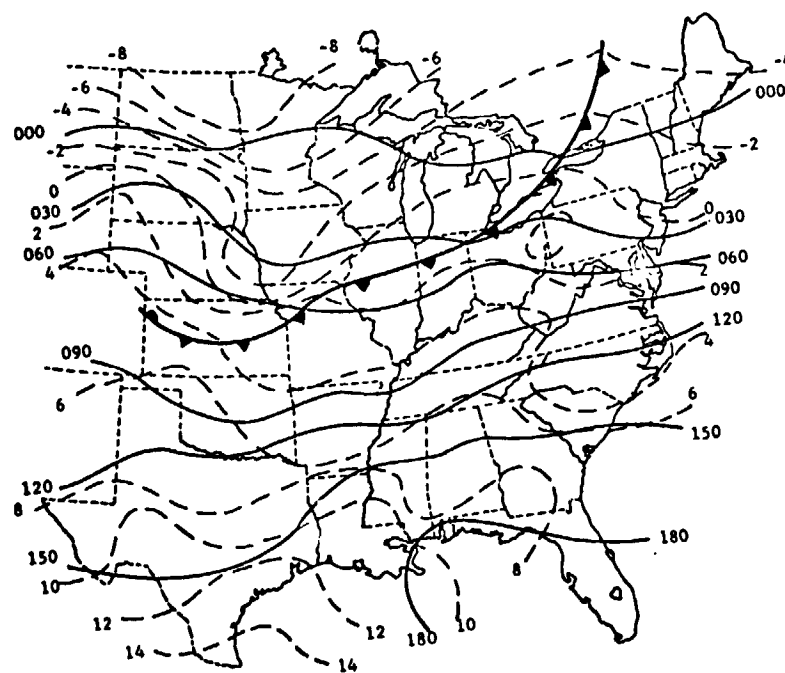


Surface

Fig. 10. Synoptic charts for 0600 GMT, 25 April 1975.

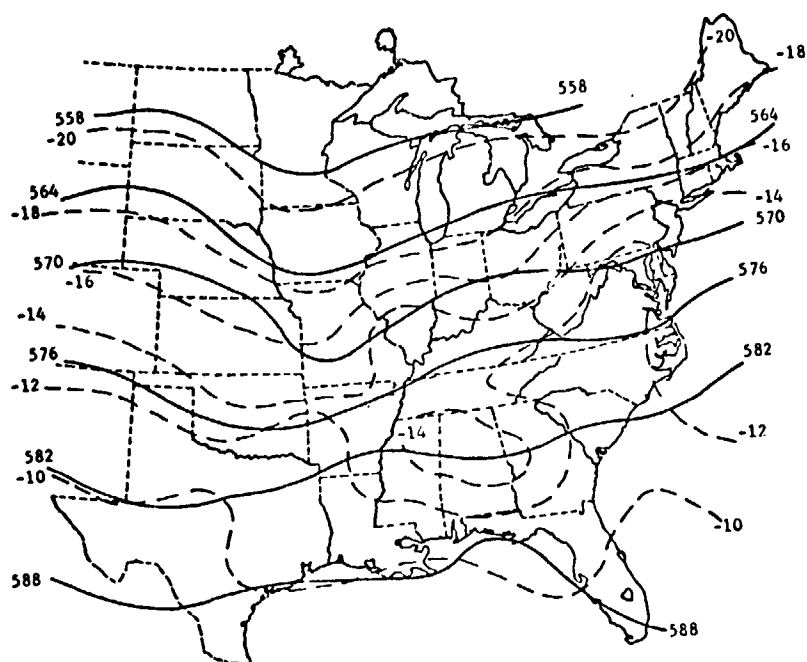


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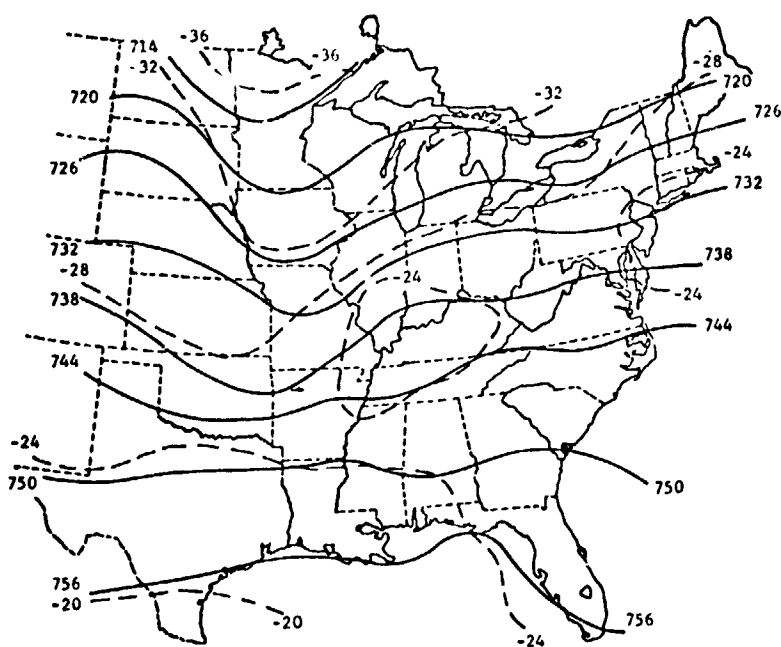


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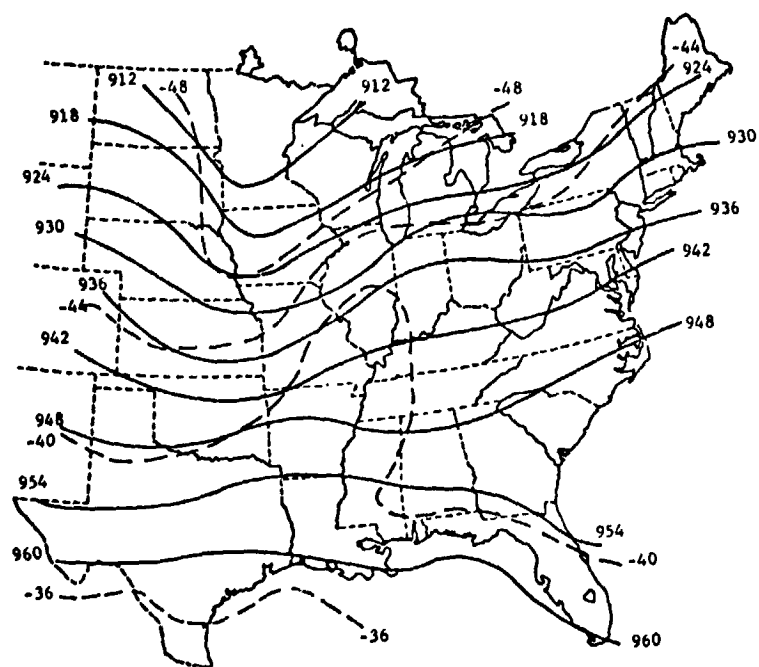


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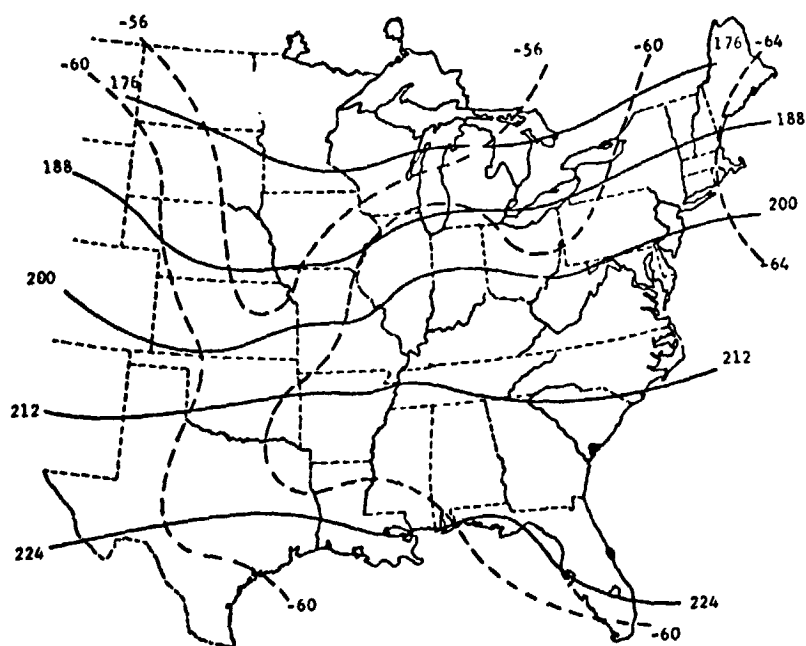


400 mb

Fig. 10. (Continued)



300 mb



200 mb

Fig. 10. (Continued)

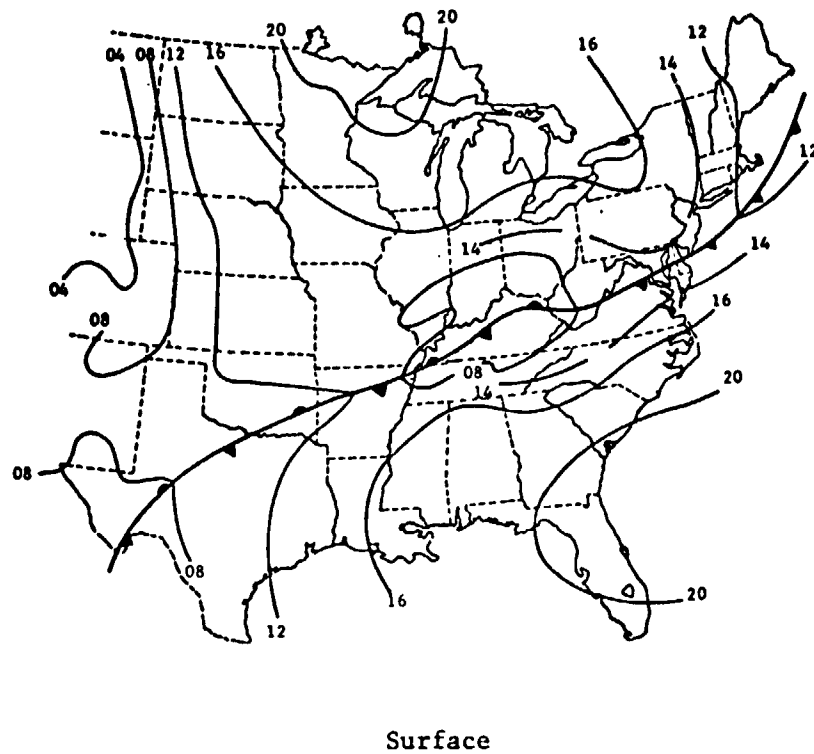
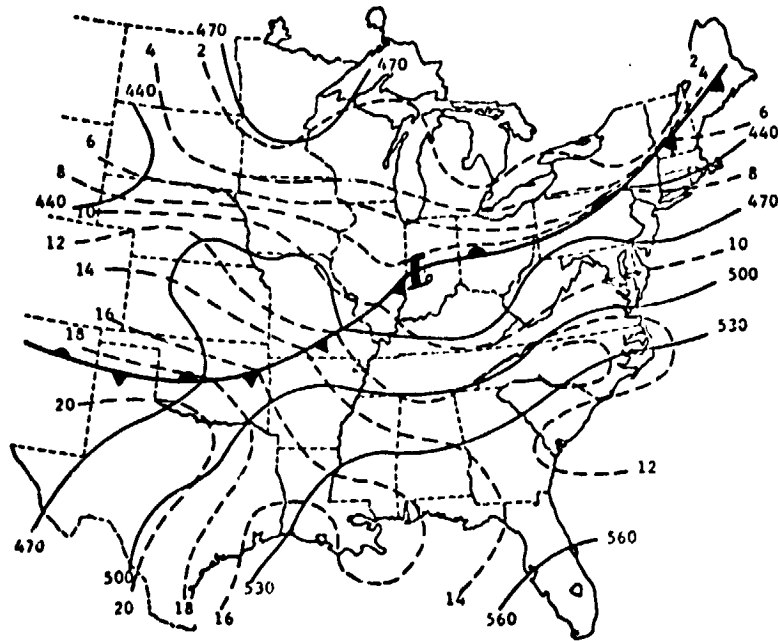
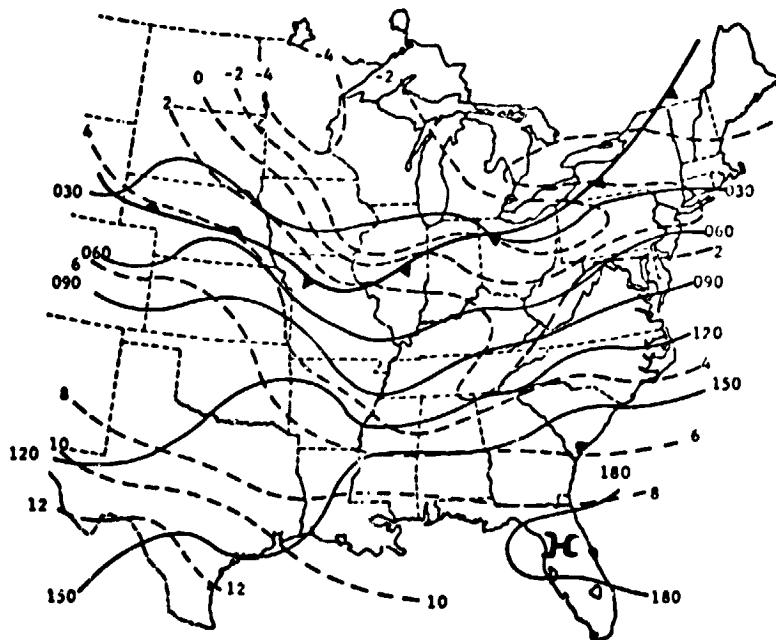


Fig. 11. Synoptic charts for 1200 GMT, 25 April 1975.



850 mb



700 mb

Fig. 11. (Continued)

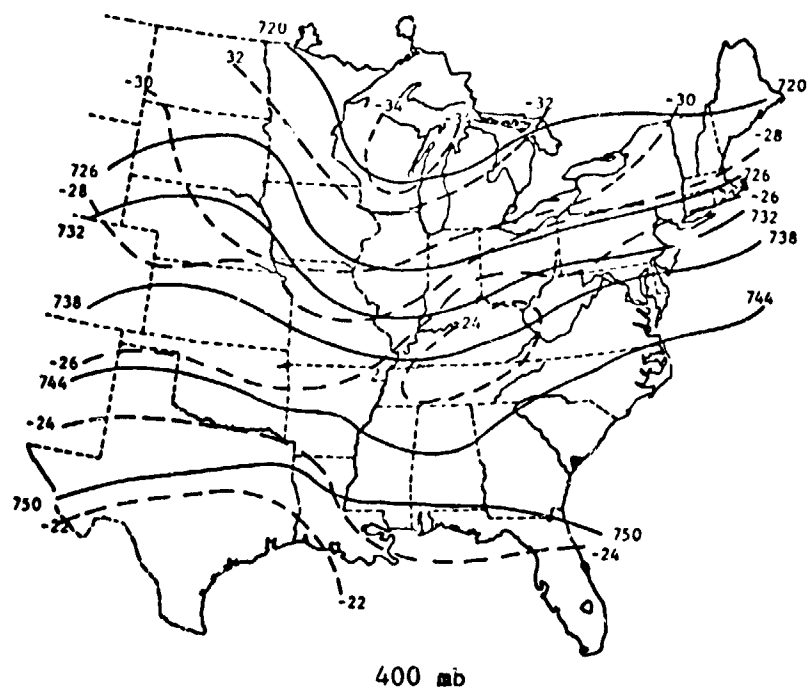
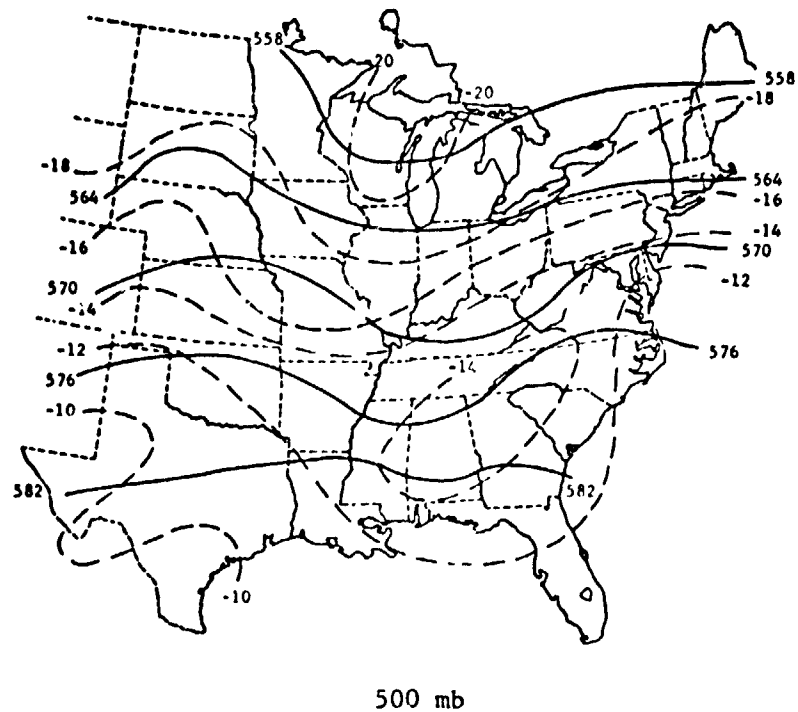
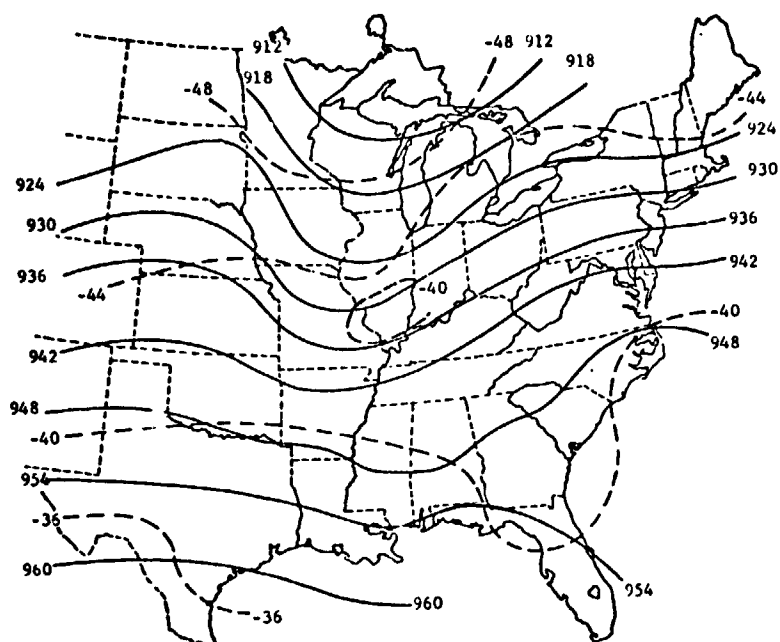
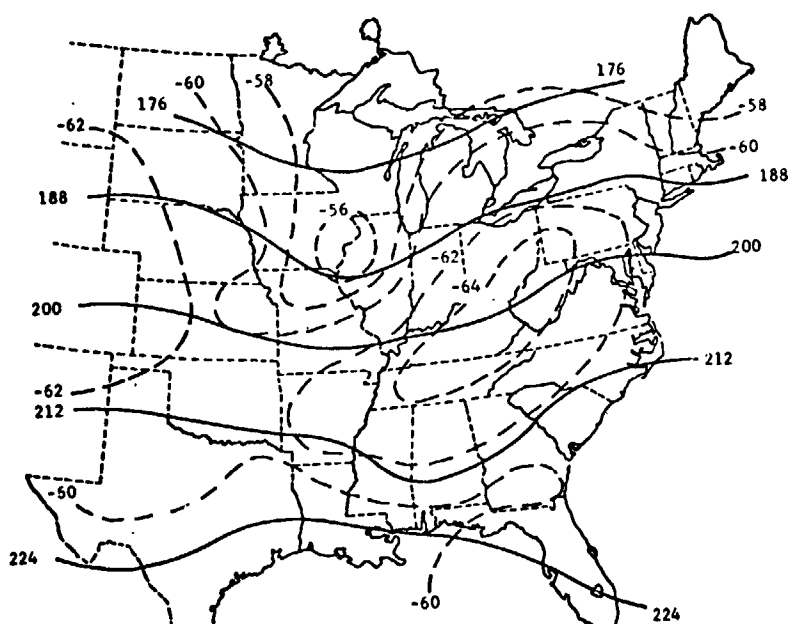


Fig. 11. (Continued)



300 mb



200 mb

Fig. 11. (Continued)

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Sounding Data

24 April 1975

0000 GMT

STATION NO. 208
CHARLESTON, SC

23 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0-0 | 4-3 | 12-0 | 1024.0 | 21.1 | 12.6 | 190.0 | 5.2 | 0.9 | 5.1 | 293.5 | 317.4 | 9.1 | 59.0 | 0.0 | 0 |
| 0-6 | 6-0 | 212.3 | 1008.0 | 20.2 | 12.4 | 183.0 | 6.7 | 0.3 | 6.6 | 294.5 | 318.6 | 9.1 | 61.0 | 0.3 | 4 |
| 1-4 | 8-0 | 436.2 | 575.0 | 18.2 | 12.0 | 182.4 | 7.8 | 0.3 | 7.6 | 294.7 | 318.7 | 9.1 | 66.9 | 0.6 | 4 |
| 2-0 | 10-2 | 658.2 | 950.0 | 15.8 | 11.8 | 178.4 | 8.2 | -0.2 | 8.2 | 294.4 | 318.7 | 9.2 | 77.4 | 0.9 | 3 |
| 2-8 | 12-2 | 884.4 | 925.0 | 13.8 | 12.2 | 182.9 | 8.2 | 0.4 | 8.1 | 294.7 | 320.4 | 9.7 | 90.0 | 1.3 | 2 |
| 3-5 | 14-3 | 1115.3 | 900.0 | 11.8 | 11.4 | 191.1 | 10.1 | 1.9 | 9.9 | 294.9 | 319.9 | 9.5 | 97.0 | 1.7 | 3 |
| 4-3 | 16-3 | 1351.1 | 875.0 | 10.4 | 9.8 | 193.6 | 10.4 | 2.8 | 10.0 | 295.7 | 319.0 | 8.8 | 96.2 | 2.2 | 5 |
| 5-0 | 18-5 | 1592.1 | 850.0 | 8.3 | 6.8 | 197.6 | 9.8 | 3.0 | 9.3 | 295.8 | 315.5 | 7.3 | 90.6 | 2.6 | 7 |
| 5-8 | 20-7 | 1839.4 | 825.0 | 8.9 | -7.9 | 198.4 | 9.8 | 3.1 | 9.3 | 298.4 | 307.1 | 3.1 | 35.4 | 3.1 | 9 |
| 6-6 | 23-0 | 2093.0 | 800.0 | 7.3 | -12.3 | 201.8 | 9.5 | 3.5 | 8.8 | 298.2 | 304.7 | 1.9 | 23.2 | 3.5 | 10 |
| 7-5 | 25-4 | 2353.5 | 775.0 | 5.4 | -8.8 | 204.2 | 7.8 | 3.8 | 6.8 | 299.9 | 307.3 | 2.5 | 35.2 | 4.0 | 12 |
| 8-3 | 27-6 | 2621.0 | 750.0 | 4.9 | -15.8 | 226.0 | 6.1 | 4.4 | 4.2 | 302.1 | 306.9 | 1.6 | 21.9 | 4.3 | 14 |
| 9-2 | 30-2 | 2896.6 | 725.0 | 3.7 | -19.7 | 248.0 | 5.8 | 5.4 | 2.2 | 303.6 | 307.1 | 1.1 | 16.1 | 4.5 | 16 |
| 10-1 | 32-8 | 3180.2 | 700.0 | 1.5 | -18.0 | 255.7 | 6.2 | 6.0 | 1.5 | 304.3 | 309.1 | 1.6 | 25.9 | 4.7 | 20 |
| 10-3 | 35-3 | 3472.4 | 675.0 | 0.3 | -20.4 | 259.1 | 6.6 | 6.5 | 1.2 | 308.2 | 309.7 | 1.1 | 19.4 | 4.9 | 23 |
| 11-9 | 37-9 | 3774.3 | 650.0 | -0.7 | -25.5 | 276.3 | 6.4 | 6.4 | -0.7 | 308.2 | 310.1 | 0.6 | 10.1 | 5.1 | 27 |
| 12-9 | 40-5 | 4087.0 | 625.0 | -1.6 | -32.2 | 257.3 | 7.1 | 6.3 | -2.2 | 310.6 | 312.0 | 0.4 | 7.5 | 5.1 | 31 |
| 13-9 | 42-1 | 4410.8 | 600.0 | -2.8 | -31.8 | 298.5 | 8.9 | 7.8 | -4.2 | 312.9 | 314.4 | 0.4 | 8.5 | 5.2 | 37 |
| 15-0 | 46-1 | 4747.1 | 575.0 | -4.4 | -32.6 | 308.3 | 10.6 | 8.3 | -6.6 | 314.9 | 314.4 | 0.4 | 8.8 | 5.3 | 43 |
| 16-1 | 49-1 | 5096.0 | 550.0 | -6.3 | -28.5 | 310.3 | 11.7 | 8.9 | -7.5 | 316.6 | 319.3 | 0.8 | 18.4 | 5.3 | 52 |
| 17-2 | 52-0 | 5458.4 | 525.0 | -8.6 | -24.1 | 306.5 | 11.4 | 8.8 | -7.2 | 318.2 | 322.2 | 1.2 | 32.6 | 5.6 | 59 |
| 18-4 | 55-0 | 5834.6 | 500.0 | -11.8 | -19.3 | 311.0 | 12.2 | 9.2 | -8.0 | 318.8 | 324.2 | 1.7 | 53.4 | 5.9 | 67 |
| 19-6 | 59-1 | 6225.9 | 475.0 | -14.2 | -22.5 | 297.1 | 13.0 | 11.6 | -5.5 | 320.6 | 324.9 | 1.3 | 49.0 | 6.4 | 74 |
| 21-0 | 61-5 | 6634.4 | 450.0 | -16.4 | -22.6 | 285.6 | 14.7 | 13.9 | -5.0 | 322.7 | 327.3 | 1.4 | 58.8 | 7.3 | 79 |
| 22-4 | 65-0 | 7061.9 | 425.0 | -19.8 | -26.2 | 294.4 | 17.0 | 15.5 | -7.0 | 323.7 | 327.2 | 1.1 | 56.6 | 8.5 | 84 |
| 23-9 | 68-4 | 7505.4 | 400.0 | -23.3 | -29.3 | 297.0 | 16.8 | 15.0 | -7.6 | 324.8 | 327.7 | 0.8 | 57.7 | 9.9 | 89 |
| 25-5 | 71-7 | 7979.0 | 375.0 | -26.3 | -33.2 | 293.8 | 15.7 | 14.4 | -6.3 | 326.8 | 328.6 | 0.5 | 42.7 | 11.2 | 92 |
| 27-1 | 75-5 | 8473.8 | 350.0 | -30.6 | -35.3 | 257.4 | 18.0 | 17.0 | -5.3 | 327.4 | 329.3 | 0.5 | 63.2 | 12.8 | 95 |
| 28-8 | 79-5 | 8956.3 | 325.0 | -34.5 | -40.6 | 294.8 | 19.4 | 17.6 | -8.1 | 329.1 | 330.3 | 0.3 | 53.4 | 14.6 | 98 |
| 30-6 | 83-6 | 9551.1 | 300.0 | -36.9 | -43.2 | 256.6 | 20.2 | 18.1 | -9.1 | 330.5 | 331.5 | 0.3 | 63.2 | 16.7 | 100 |
| 32-6 | 87-8 | 10141.8 | 275.0 | -43.8 | -49.9 | 295.4 | 22.9 | 20.7 | -7.6 | 331.8 | 333.8 | 99.9 | 99.9 | 19.1 | 102 |
| 34-9 | 92-6 | 10772.3 | 250.0 | -50.0 | -50.9 | 299.7 | 25.3 | 22.0 | -12.5 | 331.8 | 333.8 | 99.9 | 99.9 | 22.2 | 105 |
| 37-3 | 97-5 | 11451.9 | 225.0 | -56.6 | -56.6 | 304.0 | 26.0 | 21.6 | -14.6 | 331.8 | 333.8 | 99.9 | 99.9 | 25.9 | 107 |
| 39-7 | 102-8 | 12187.4 | 200.0 | -62.6 | -62.6 | 310.7 | 28.7 | 21.7 | -18.7 | 333.6 | 333.6 | 99.9 | 99.9 | 29.6 | 110 |
| 43-1 | 108-8 | 13006.2 | 175.0 | -63.5 | -63.5 | 301.8 | 32.3 | 27.4 | -17.0 | 343.2 | 343.2 | 99.9 | 99.9 | 36.1 | 113 |
| 47-1 | 115-0 | 13959.4 | 150.0 | -60.5 | -60.5 | 305.1 | 33.9 | 27.7 | -19.5 | 343.8 | 343.8 | 99.9 | 99.9 | 44.0 | 115 |
| 52-1 | 122-0 | 15055.9 | 125.0 | -61.8 | -61.8 | 310.5 | 23.7 | 18.0 | -15.4 | 363.1 | 363.1 | 99.9 | 99.9 | 53.5 | 117 |
| 58-0 | 130-0 | 16443.6 | 100.0 | -71.3 | -69.9 | 292.2 | 25.1 | 23.3 | -9.5 | 390.1 | 390.1 | 99.9 | 99.9 | 60.9 | 117 |
| 65-5 | 138-0 | 18148.2 | 75.0 | -70.1 | -68.9 | 266.1 | 8.2 | 8.0 | -1.1 | 423.5 | 423.5 | 99.9 | 99.9 | 69.4 | 119 |
| 76-5 | 146-3 | 20615.9 | 50.0 | -63.0 | -63.0 | 266.1 | 3.0 | 3.0 | 0.2 | 495.1 | 495.1 | 99.9 | 99.9 | 72.7 | 121 |
| 94-1 | 155-3 | 25013.8 | 25.0 | -53.6 | -53.6 | 320.4 | 9.2 | 5.9 | -7.1 | 630.9 | 630.9 | 99.9 | 99.9 | 78.5 | 121 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 10 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 211
TAMPA, FLA

23 APRIL 1975
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

166 16. 1

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR CG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.5 | 8.0 | 1020.4 | 27.0 | 13.4 | 90.0 | 7.7 | -7.7 | 0.0 | 299.7 | 325.3 | 9.5 | 43.0 | 0.0 | 0. |
| 0.6 | 6.1 | 185.3 | 1000.0 | 26.0 | 11.5 | 117.1 | 1.9 | -1.7 | 0.9 | 300.3 | 323.5 | 8.6 | 40.4 | 0.6 | 273. |
| 1.4 | 8.4 | 408.4 | 975.0 | 23.7 | 11.2 | 59.5 | 10.4 | -10.2 | 1.7 | 300.2 | 323.7 | 8.6 | 45.5 | 0.9 | 275. |
| 2.4 | 10.5 | 634.6 | 950.0 | 21.2 | 10.8 | 103.5 | 10.6 | -10.3 | 2.5 | 299.5 | 323.2 | 8.6 | 51.4 | 1.6 | 278. |
| 3.4 | 12.5 | 864.7 | 925.0 | 19.0 | 10.2 | 111.0 | 11.5 | -10.8 | 4.1 | 295.8 | 323.0 | 8.5 | 57.0 | 2.2 | 280. |
| 4.5 | 15.2 | 1099.5 | 900.0 | 16.7 | 10.0 | 118.8 | 10.1 | -8.9 | 4.9 | 299.9 | 323.2 | 8.6 | 64.5 | 2.9 | 284. |
| 5.5 | 17.3 | 1339.0 | 875.0 | 14.5 | 9.3 | 124.7 | 10.4 | -8.5 | 5.5 | 300.0 | 322.9 | 8.4 | 70.9 | 3.5 | 287. |
| 6.6 | 19.8 | 1583.4 | 850.0 | 12.2 | 8.0 | 140.8 | 7.6 | -4.8 | 5.9 | 300.0 | 322.6 | 8.3 | 78.9 | 4.0 | 291. |
| 7.6 | 22.1 | 1833.4 | 825.0 | 10.2 | 7.9 | 153.6 | 7.4 | -3.3 | 6.6 | 300.5 | 322.7 | 8.2 | 86.2 | 4.4 | 294. |
| 8.5 | 24.6 | 2085.3 | 800.0 | 8.4 | 7.3 | 171.0 | 6.5 | -1.0 | 6.4 | 301.1 | 322.2 | 8.1 | 93.0 | 4.7 | 297. |
| 9.5 | 27.0 | 2351.6 | 775.0 | 6.9 | 5.7 | 205.9 | 5.0 | 2.2 | 4.5 | 302.2 | 322.0 | 7.5 | 92.5 | 4.8 | 301. |
| 10.6 | 29.6 | 2621.0 | 750.0 | 5.6 | -0.6 | 247.8 | 3.9 | 3.6 | 1.5 | 303.3 | 317.3 | 4.9 | 64.7 | 4.7 | 305. |
| 11.6 | 32.3 | 2856.9 | 725.0 | 6.3 | -19.7 | 312.6 | 3.3 | 2.5 | -2.3 | 306.5 | 310.0 | 1.1 | 13.4 | 4.6 | 306. |
| 12.9 | 35.1 | 3135.5 | 700.0 | 4.8 | -20.0 | 335.8 | 5.5 | 2.3 | -5.0 | 307.9 | 311.4 | 1.1 | 14.6 | 4.3 | 305. |
| 13.9 | 37.7 | 3485.4 | 675.0 | 6.1 | -20.9 | 335.7 | 8.0 | 3.3 | -7.3 | 312.6 | 316.0 | 1.1 | 12.3 | 3.9 | 301. |
| 14.9 | 40.4 | 3790.3 | 650.0 | 3.9 | -18.5 | 340.3 | 7.7 | 2.6 | -7.3 | 313.5 | 317.9 | 1.4 | 17.6 | 3.5 | 292. |
| 16.2 | 43.3 | 4107.2 | 625.0 | 1.3 | -17.8 | 343.8 | 5.8 | 1.6 | -5.6 | 314.1 | 318.9 | 1.5 | 22.4 | 3.2 | 296. |
| 17.4 | 46.3 | 4434.4 | 600.0 | -0.4 | -21.5 | 312.3 | 6.0 | 4.5 | -4.1 | 315.8 | 319.5 | 1.1 | 18.4 | 2.9 | 283. |
| 18.8 | 49.4 | 4773.4 | 575.0 | -2.4 | -18.3 | 295.8 | 6.9 | 6.2 | -3.0 | 317.4 | 322.5 | 1.6 | 28.5 | 2.3 | 280. |
| 20.1 | 52.3 | 5125.7 | 550.0 | -3.3 | -29.3 | 289.9 | 7.4 | 6.9 | -2.5 | 320.2 | 325.3 | 0.6 | 11.3 | 1.8 | 275. |
| 21.4 | 55.4 | 5492.2 | 525.0 | -5.4 | -28.4 | 286.0 | 9.2 | 8.8 | -2.5 | 322.2 | 325.2 | 0.7 | 14.2 | 1.2 | 269. |
| 22.7 | 58.7 | 5873.2 | 500.0 | -8.1 | -31.2 | 284.8 | 8.8 | 8.5 | -2.2 | 323.2 | 325.2 | 0.6 | 13.6 | 0.5 | 246. |
| 24.2 | 62.1 | 6269.9 | 475.0 | -10.4 | -28.7 | 291.5 | 7.4 | 6.9 | -2.7 | 325.1 | 327.7 | 0.7 | 20.6 | 0.5 | 153. |
| 25.5 | 65.6 | 6683.5 | 450.0 | -14.1 | -29.5 | 289.0 | 7.2 | 6.8 | -2.4 | 325.6 | 328.1 | 0.7 | 25.5 | 1.0 | 130. |
| 27.1 | 69.3 | 7114.0 | 425.0 | -18.1 | -31.1 | 306.7 | 6.9 | 5.6 | -4.2 | 325.8 | 328.1 | 0.7 | 30.7 | 1.6 | 123. |
| 28.7 | 72.9 | 7564.3 | 400.0 | -21.1 | -32.2 | 314.6 | 9.4 | 6.7 | -6.6 | 327.6 | 329.8 | 0.6 | 36.0 | 2.3 | 127. |
| 30.6 | 76.3 | 8038.1 | 375.0 | -24.0 | -42.8 | 314.5 | 14.4 | 10.3 | -10.1 | 329.8 | 330.6 | 0.2 | 15.6 | 3.7 | 130. |
| 32.6 | 80.5 | 8537.9 | 350.0 | -27.9 | -37.6 | 309.5 | 17.0 | 13.1 | -10.8 | 331.1 | 332.6 | 0.4 | 38.9 | 5.6 | 130. |
| 34.5 | 85.1 | 9055.5 | 325.0 | -32.3 | -41.4 | 319.0 | 17.4 | 11.4 | -13.1 | 332.1 | 333.3 | 0.3 | 39.6 | 7.6 | 131. |
| 36.5 | 89.5 | 9625.2 | 300.0 | -36.9 | -46.9 | 328.7 | 16.0 | 8.3 | -13.7 | 333.3 | 334.0 | 0.2 | 34.0 | 9.6 | 134. |
| 38.8 | 94.4 | 10220.5 | 275.0 | -42.0 | 99.9 | 324.3 | 20.3 | 11.8 | -16.4 | 334.5 | 334.5 | 99.9 | 99.9 | 11.8 | 137. |
| 41.0 | 99.3 | 10857.8 | 250.0 | -47.8 | 99.9 | 317.6 | 21.9 | 14.7 | -18.2 | 335.1 | 99.9 | 99.9 | 99.9 | 14.9 | 137. |
| 43.6 | 104.5 | 11544.0 | 225.0 | -53.6 | 99.9 | 323.4 | 28.0 | 16.7 | -22.5 | 336.3 | 95.9 | 99.9 | 99.9 | 18.6 | 138. |
| 46.8 | 110.4 | 12291.3 | 200.0 | -59.6 | 99.9 | 330.5 | 31.4 | 15.5 | -27.4 | 338.5 | 99.9 | 99.9 | 99.9 | 24.5 | 141. |
| 50.5 | 116.5 | 13122.2 | 175.0 | -61.6 | 99.9 | 327.2 | 22.3 | 12.1 | -18.8 | 348.3 | 99.9 | 99.9 | 99.9 | 30.8 | 143. |
| 54.1 | 123.5 | 14073.8 | 150.0 | -61.2 | 99.9 | 305.9 | 22.3 | 18.1 | -13.1 | 364.8 | 99.9 | 99.9 | 99.9 | 35.9 | 142. |
| 58.4 | 131.0 | 15155.0 | 125.0 | -64.1 | 99.9 | 296.3 | 18.2 | 16.4 | -8.1 | 379.0 | 99.9 | 99.9 | 99.9 | 41.1 | 139. |
| 63.2 | 139.0 | 16541.1 | 100.0 | -71.5 | 99.9 | 314.8 | 11.7 | 8.3 | -8.2 | 384.7 | 99.9 | 99.9 | 99.9 | 45.3 | 137. |
| 68.9 | 147.0 | 18222.9 | 75.0 | -71.7 | 99.9 | 5.8 | 4.2 | -0.4 | -6.1 | 422.6 | 99.9 | 99.9 | 99.9 | 48.4 | 136. |
| 77.2 | 156.0 | 20673.8 | 50.0 | -62.6 | 99.9 | 359.6 | 6.1 | 0.0 | -6.1 | 496.0 | 99.9 | 99.9 | 99.9 | 50.3 | 139. |
| 91.4 | 165.7 | 25084.5 | 25.0 | -52.5 | 99.9 | 59.1 | 8.1 | -6.9 | -8.2 | 634.2 | 99.9 | 99.9 | 99.9 | 50.2 | 143. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

** BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 213
WAYCROSS, GA

23 APRIL 1975

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

164 15. 1

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP CG C | DEW PT CG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTD GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 3.3 | 44.0 | 1017.6 | 24.0 | 12.6 | 140.0 | 5.2 | -3.3 | 4.0 | 296.9 | 321.1 | 9.1 | 49.0 | 0.0 | 0. |
| 0.5 | 4.8 | 196.6 | 1000.0 | 23.0 | 12.8 | 999.9 | 99.9 | 99.9 | 99.9 | 297.4 | 322.4 | 9.4 | 52.6 | 999.9 | 999. |
| 1.2 | 6.8 | 416.7 | 975.0 | 20.9 | 11.7 | 999.9 | 99.9 | 99.9 | 99.9 | 297.4 | 321.3 | 8.9 | 55.4 | 999.9 | 999. |
| 1.9 | 8.3 | 640.6 | 950.0 | 18.4 | 10.5 | 999.9 | 99.9 | 99.9 | 99.9 | 297.4 | 319.7 | 8.5 | 60.0 | 999.9 | 999. |
| 2.6 | 10.9 | 856.7 | 925.0 | 16.4 | 10.2 | 999.9 | 99.9 | 99.9 | 99.9 | 297.2 | 318.9 | 8.5 | 66.7 | 999.9 | 999. |
| 3.4 | 13.1 | 1131.4 | 900.0 | 14.4 | 9.9 | 999.9 | 99.9 | 99.9 | 99.9 | 297.5 | 320.5 | 8.5 | 74.1 | 999.9 | 999. |
| 4.2 | 15.3 | 1335.2 | 875.0 | 12.3 | 9.8 | 999.9 | 99.9 | 99.9 | 99.9 | 297.7 | 321.2 | 8.8 | 85.0 | 999.9 | 999. |
| 5.0 | 17.5 | 1531.9 | 850.0 | 10.2 | 9.4 | 999.9 | 99.9 | 99.9 | 99.9 | 298.0 | 321.5 | 8.8 | 94.7 | 999.9 | 999. |
| 5.7 | 19.8 | 1830.5 | 825.0 | 10.8 | -5.5 | 999.9 | 99.9 | 99.9 | 99.9 | 300.4 | 321.6 | 3.2 | 32.2 | 999.9 | 999. |
| 6.7 | 22.0 | 2056.2 | 800.0 | 9.1 | -3.7 | 195.5 | 7.2 | 1.9 | 7.0 | 301.3 | 311.8 | 3.7 | 40.4 | 2.6 | 311. |
| 7.7 | 24.5 | 2348.6 | 775.0 | 6.9 | 2.2 | 203.2 | 8.5 | 3.3 | 7.8 | 301.9 | 318.2 | 5.8 | 72.0 | 3.0 | 337. |
| 8.6 | 26.3 | 2617.7 | 750.0 | 5.5 | 0.9 | 214.7 | 9.3 | 5.3 | 7.6 | 303.2 | 318.6 | 5.5 | 72.2 | 3.3 | 345. |
| 9.6 | 29.3 | 2894.5 | 725.0 | 3.9 | -1.4 | 222.5 | 9.1 | 6.2 | 6.7 | 304.3 | 318.0 | 4.8 | 66.2 | 3.7 | 351. |
| 10.5 | 31.9 | 3178.9 | 700.0 | 2.2 | -15.6 | 245.8 | 7.5 | 6.8 | 3.1 | 305.2 | 310.3 | 1.7 | 26.2 | 3.9 | 357. |
| 11.5 | 34.7 | 3472.5 | 675.0 | 1.3 | -30.0 | 292.2 | 7.9 | 7.3 | -3.0 | 307.2 | 309.5 | 0.7 | 14.4 | 3.9 | 3. |
| 12.4 | 37.1 | 3776.0 | 650.0 | 1.9 | -48.8 | 312.6 | 9.2 | 6.6 | -6.2 | 311.1 | 311.3 | 0.1 | 1.0 | 3.7 | 10. |
| 13.7 | 40.0 | 4091.7 | 625.0 | 1.2 | -49.2 | 318.9 | 9.9 | 6.5 | -7.5 | 313.8 | 314.1 | 0.1 | 1.0 | 3.3 | 21. |
| 14.9 | 42.6 | 4416.7 | 600.0 | -1.1 | -24.8 | 322.8 | 10.1 | 6.1 | -8.1 | 315.0 | 317.8 | 0.9 | 14.5 | 3.0 | 33. |
| 15.9 | 45.6 | 4750.6 | 575.0 | -3.3 | -24.5 | 325.0 | 10.3 | 5.9 | -8.4 | 316.2 | 319.4 | 1.0 | 16.4 | 2.8 | 45. |
| 17.2 | 48.8 | 5106.7 | 550.0 | -5.4 | -27.1 | 326.0 | 10.7 | 6.0 | -8.9 | 317.7 | 320.3 | 0.8 | 16.7 | 2.8 | 61. |
| 18.4 | 51.6 | 5470.3 | 525.0 | -7.6 | -24.8 | 327.7 | 9.8 | 5.2 | -8.3 | 319.3 | 322.6 | 1.0 | 23.7 | 2.9 | 76. |
| 19.5 | 54.9 | 5846.3 | 500.0 | -9.8 | -44.9 | 313.3 | 9.0 | 6.5 | -6.2 | 321.1 | 321.6 | 0.1 | 3.6 | 3.2 | 87. |
| 20.9 | 58.3 | 6242.6 | 475.0 | -11.7 | -51.6 | 296.2 | 10.7 | 9.6 | -4.7 | 323.4 | 323.7 | 0.1 | 2.0 | 3.9 | 44. |
| 22.4 | 61.5 | 6653.9 | 450.0 | -15.4 | -58.2 | 287.2 | 14.3 | 13.7 | -4.2 | 325.9 | 325.0 | 0.0 | 1.2 | 5.0 | 97. |
| 23.8 | 65.1 | 7082.5 | 425.0 | -18.7 | -49.2 | 283.8 | 16.8 | 16.3 | -4.0 | 325.4 | 325.4 | 0.1 | 4.8 | 6.2 | 98. |
| 25.3 | 69.7 | 7531.3 | 400.0 | -22.1 | -27.3 | 291.5 | 15.9 | 14.6 | -6.3 | 326.3 | 329.7 | 1.0 | 62.8 | 7.9 | 100. |
| 26.9 | 72.3 | 8023.1 | 375.0 | -25.6 | -26.7 | 302.3 | 15.0 | 12.7 | -8.0 | 327.2 | 331.7 | 1.1 | 90.2 | 9.1 | 103. |
| 28.6 | 76.5 | 8500.7 | 350.0 | -28.7 | -38.4 | 306.6 | 16.6 | 13.3 | -9.5 | 330.1 | 331.5 | 0.4 | 38.2 | 16.6 | 107. |
| 30.5 | 80.7 | 9026.6 | 325.0 | -33.2 | -38.4 | 296.9 | 22.2 | 19.4 | -10.7 | 330.9 | 332.4 | 0.4 | 59.5 | 12.8 | 109. |
| 32.2 | 85.0 | 9581.7 | 300.0 | -37.5 | -41.8 | 295.5 | 23.7 | 21.4 | -10.2 | 332.5 | 333.6 | 0.3 | 64.0 | 15.0 | 111. |
| 34.2 | 89.6 | 10177.6 | 275.0 | -42.8 | 59.9 | 294.2 | 25.2 | 23.0 | -10.4 | 333.3 | 333.3 | 99.9 | 99.9 | 16.1 | 112. |
| 36.3 | 94.8 | 10812.4 | 250.0 | -48.7 | 59.9 | 290.8 | 30.4 | 26.4 | -15.1 | 333.7 | 333.7 | 99.9 | 99.9 | 21.4 | 112. |
| 38.7 | 100.0 | 11497.0 | 225.0 | -53.7 | 99.9 | 298.7 | 35.2 | 30.9 | -16.9 | 336.2 | 336.2 | 99.9 | 99.9 | 25.9 | 114. |
| 41.4 | 105.9 | 12243.6 | 200.0 | -59.7 | 99.9 | 302.5 | 39.1 | 33.0 | -21.0 | 338.2 | 338.2 | 99.9 | 99.9 | 29.9 | 115. |
| 44.2 | 112.0 | 13066.6 | 175.0 | -65.1 | 99.9 | 307.8 | 39.7 | 31.4 | -24.3 | 342.5 | 342.5 | 99.9 | 99.9 | 38.2 | 117. |
| 47.3 | 118.8 | 14016.4 | 150.0 | -61.3 | 99.9 | 298.7 | 28.5 | 25.0 | -13.7 | 364.5 | 364.5 | 99.9 | 99.9 | 44.0 | 118. |
| 51.6 | 126.7 | 15148.2 | 125.0 | -63.7 | 99.9 | 295.3 | 24.9 | 22.6 | -10.6 | 379.6 | 379.6 | 99.9 | 99.9 | 51.2 | 117. |
| 56.1 | 135.0 | 16500.6 | 100.0 | -70.1 | 99.9 | 296.7 | 14.3 | 12.8 | -6.4 | 392.4 | 392.4 | 99.9 | 99.9 | 57.1 | 118. |
| 62.1 | 143.5 | 18193.6 | 75.0 | -69.4 | 99.9 | 313.4 | 9.2 | 6.7 | -6.3 | 427.5 | 427.5 | 99.9 | 99.9 | 60.8 | 118. |
| 70.2 | 152.7 | 20665.7 | 50.0 | -61.6 | 99.9 | 320.1 | 3.4 | 2.2 | -2.6 | 498.5 | 498.5 | 99.9 | 99.9 | 63.5 | 119. |
| 83.2 | 162.3 | 25088.0 | 25.0 | -51.5 | 99.9 | 396.6 | 3.8 | -2.4 | -2.6 | 636.9 | 636.9 | 99.9 | 99.9 | 65.0 | 121. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 220
APALACHICOLA, FLA

23 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX ATO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 3.8 | 11.0 | 1022.2 | 23.4 | 14.1 | 140.0 | 2.1 | -1.3 | 1.6 | 296.0 | 322.4 | 10.0 | 56.0 | 0.0 | 0. |
| 0.7 | 5.6 | 202.5 | 1000.0 | 22.0 | 9.7 | 999.9 | 99.9 | 99.9 | 95.9 | 296.2 | 316.6 | 7.6 | 45.7 | 999.9 | 999. |
| 1.5 | 7.9 | 421.7 | 975.0 | 20.5 | 8.8 | 999.9 | 99.9 | 99.9 | 99.9 | 296.8 | 310.5 | 7.3 | 46.8 | 999.9 | 999. |
| 2.3 | 10.2 | 645.5 | 950.0 | 18.5 | 10.3 | 155.9 | 5.7 | -2.3 | 5.2 | 297.1 | 319.4 | 4.3 | 58.8 | 0.8 | 320. |
| 2.9 | 12.3 | 673.6 | 925.0 | 16.4 | 11.1 | 155.8 | 6.1 | -1.1 | 6.0 | 297.3 | 321.5 | 9.1 | 71.0 | 1.0 | 325. |
| 3.7 | 14.7 | 1106.4 | 900.0 | 14.3 | 11.0 | 176.2 | 6.1 | -0.4 | 6.1 | 297.5 | 322.1 | 9.2 | 80.6 | 1.3 | 331. |
| 4.6 | 16.9 | 1344.2 | 875.0 | 12.4 | 10.4 | 185.2 | 7.1 | 0.6 | 7.0 | 297.9 | 322.4 | 9.1 | 87.6 | 1.6 | 337. |
| 5.3 | 19.3 | 1527.4 | 850.0 | 10.6 | 9.7 | 185.7 | 7.3 | 0.7 | 7.2 | 299.5 | 303.5 | 1.3 | 12.2 | 1.9 | 342. |
| 6.0 | 21.6 | 1837.9 | 825.0 | 13.1 | -17.3 | 185.4 | 6.6 | 0.6 | 6.6 | 302.6 | 306.2 | 1.2 | 10.4 | 2.2 | 345. |
| 6.9 | 24.2 | 2055.3 | 800.0 | 11.3 | -18.5 | 189.5 | 5.8 | 1.0 | 5.8 | 303.3 | 306.8 | 1.1 | 10.6 | 2.5 | 348. |
| 7.8 | 26.5 | 2358.6 | 775.0 | 10.5 | -18.3 | 224.3 | 4.3 | 1.8 | 3.9 | 305.2 | 308.9 | 1.2 | 11.4 | 2.7 | 351. |
| 9.7 | 29.1 | 2631.4 | 750.0 | 6.7 | -13.4 | 224.8 | 2.1 | 1.5 | 1.5 | 306.3 | 311.9 | 1.8 | 19.5 | 2.9 | 353. |
| 9.6 | 31.8 | 2916.7 | 725.0 | 6.4 | -1.4 | 277.0 | 2.3 | 2.3 | -0.3 | 307.1 | 321.0 | 4.8 | 58.3 | 2.9 | 354. |
| 10.5 | 34.4 | 3157.9 | 700.0 | 4.6 | -3.8 | 233.6 | 3.8 | 3.4 | -1.5 | 308.1 | 320.3 | 4.1 | 54.4 | 2.8 | 356. |
| 11.5 | 37.0 | 3493.4 | 675.0 | 2.7 | -6.6 | 323.9 | 4.4 | 2.6 | -3.5 | 309.1 | 319.4 | 3.5 | 50.4 | 2.7 | 3. |
| 12.5 | 39.9 | 3799.1 | 650.0 | 3.4 | -22.5 | 324.2 | 6.1 | 3.6 | -5.0 | 312.9 | 316.0 | 1.0 | 12.9 | 2.4 | 6. |
| 13.5 | 42.5 | 4116.0 | 625.0 | 1.2 | -18.9 | 316.0 | 6.8 | 4.7 | -4.9 | 314.0 | 318.3 | 1.4 | 20.5 | 2.2 | 14. |
| 14.6 | 45.4 | 4442.7 | 600.0 | -1.4 | -16.8 | 325.6 | 6.9 | 3.9 | -5.7 | 314.7 | 320.1 | 1.7 | 29.7 | 2.0 | 25. |
| 15.7 | 48.4 | 4780.9 | 575.0 | -2.7 | -22.6 | 332.7 | 8.2 | 2.3 | -7.9 | 316.9 | 320.6 | 1.1 | 20.7 | 1.7 | 36. |
| 16.3 | 51.1 | 5131.8 | 550.0 | -4.8 | -22.0 | 332.7 | 9.6 | 2.9 | -9.2 | 318.5 | 322.4 | 1.2 | 24.5 | 1.3 | 60. |
| 18.1 | 54.3 | 5496.6 | 525.0 | -6.3 | -24.3 | 332.7 | 7.6 | 3.5 | -6.7 | 320.8 | 322.2 | 0.4 | 8.7 | 1.5 | 47. |
| 19.5 | 57.3 | 5876.2 | 500.0 | -8.7 | -39.5 | 313.6 | 9.3 | 6.7 | -6.4 | 322.5 | 323.3 | 0.2 | 6.2 | 1.8 | 104. |
| 20.8 | 60.6 | 6271.7 | 475.0 | -11.5 | -34.2 | 301.6 | 12.1 | 10.3 | -6.3 | 323.8 | 325.3 | 0.4 | 13.1 | 2.7 | 111. |
| 22.2 | 64.0 | 6683.1 | 450.0 | -15.0 | -38.1 | 294.5 | 11.8 | 10.8 | -4.9 | 324.4 | 325.5 | 0.3 | 11.7 | 3.7 | 112. |
| 23.4 | 67.1 | 7113.5 | 425.0 | -17.9 | -36.5 | 300.0 | 11.1 | 9.6 | -5.6 | 324.1 | 327.5 | 0.4 | 17.7 | 4.8 | 114. |
| 25.4 | 70.7 | 7564.1 | 400.0 | -21.4 | -31.6 | 300.0 | 10.3 | 8.9 | -5.1 | 327.2 | 329.6 | 0.7 | 38.0 | 5.8 | 115. |
| 27.0 | 74.3 | 8037.0 | 375.0 | -24.5 | -33.8 | 300.9 | 13.9 | 12.0 | -7.2 | 329.1 | 331.2 | 0.6 | 42.0 | 6.9 | 115. |
| 28.8 | 78.2 | 8535.7 | 350.0 | -28.1 | -36.3 | 305.7 | 18.6 | 14.3 | -11.9 | 330.8 | 332.5 | 0.5 | 45.3 | 8.6 | 118. |
| 30.7 | 82.0 | 9043.8 | 325.0 | -32.0 | -43.7 | 309.0 | 23.4 | 18.2 | -14.7 | 332.5 | 333.4 | 0.2 | 30.1 | 11.1 | 120. |
| 32.7 | 86.0 | 9622.8 | 300.0 | -36.9 | -46.2 | 310.3 | 24.3 | 18.6 | -15.7 | 333.3 | 334.1 | 0.2 | 38.9 | 13.9 | 122. |
| 34.9 | 90.5 | 10219.0 | 275.0 | -41.7 | 99.9 | 314.7 | 23.4 | 16.7 | -16.5 | 334.5 | 999.9 | 99.9 | 999.9 | 17.1 | 124. |
| 37.4 | 95.2 | 10857.8 | 250.0 | -47.1 | 99.9 | 317.5 | 25.3 | 17.1 | -18.6 | 336.1 | 999.9 | 99.9 | 999.9 | 20.6 | 126. |
| 40.3 | 100.0 | 11546.3 | 225.0 | -53.0 | 99.9 | 320.1 | 27.6 | 17.7 | -21.2 | 337.3 | 999.9 | 99.9 | 999.9 | 24.6 | 124. |
| 42.9 | 105.0 | 12295.1 | 200.0 | -59.0 | 99.9 | 329.5 | 16.9 | 8.6 | -14.6 | 339.3 | 999.9 | 99.9 | 999.9 | 28.3 | 130. |
| 46.2 | 110.6 | 13124.0 | 175.0 | -64.3 | 99.9 | 319.4 | 25.1 | 16.3 | -19.0 | 343.9 | 999.9 | 99.9 | 999.9 | 33.4 | 132. |
| 50.0 | 116.5 | 14074.9 | 150.0 | -60.7 | 99.9 | 310.6 | 21.6 | 16.4 | -14.0 | 365.5 | 999.9 | 99.9 | 999.9 | 38.9 | 132. |
| 54.5 | 123.3 | 15158.9 | 125.0 | -65.4 | 99.9 | 298.0 | 16.1 | 14.2 | -7.6 | 376.6 | 999.9 | 99.9 | 999.9 | 43.8 | 132. |
| 59.8 | 130.5 | 16544.4 | 100.0 | -71.0 | 99.9 | 307.2 | 17.7 | 14.1 | -10.7 | 390.5 | 999.9 | 99.9 | 999.9 | 48.5 | 132. |
| 66.4 | 138.3 | 18234.7 | 75.0 | -71.8 | 99.9 | 0.3 | 3.4 | -0.0 | -3.4 | 422.4 | 999.9 | 99.9 | 999.9 | 53.2 | 131. |
| 75.8 | 146.3 | 20693.3 | 50.0 | -62.1 | 99.9 | 25.8 | 4.1 | -1.8 | -3.7 | 457.2 | 999.9 | 99.9 | 999.9 | 55.9 | 132. |
| 90.4 | 154.7 | 25126.7 | 25.0 | -51.8 | 99.9 | 49.3 | 6.0 | -4.6 | -3.9 | 636.3 | 999.9 | 99.9 | 999.9 | 57.1 | 134. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 226
CENTERVILLE, ALA

23 APRIL 1975
2315 GMT

158 16. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | CEM PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.8 | 140.0 | 1003.4 | 23.8 | 18.2 | 170.0 | 5.2 | -0.9 | 5.1 | 258.5 | 333.4 | 13.3 | 71.0 | 0.0 | 0. |
| 0.1 | 6.3 | 169.6 | 1000.0 | 22.2 | 12.9 | 247.0 | 1.3 | 1.2 | 0.5 | 298.6 | 321.6 | 9.4 | 55.5 | 0.7 | 353. |
| 0.9 | 8.3 | 389.7 | 975.0 | 21.3 | 12.1 | 191.9 | 3.6 | 0.7 | 3.5 | 257.8 | 322.4 | 9.0 | 55.8 | 0.7 | 355. |
| 1.5 | 10.5 | 614.3 | 950.0 | 19.4 | 11.4 | 176.1 | 11.3 | -0.4 | 11.3 | 258.1 | 322.2 | 9.0 | 59.6 | 1.0 | 357. |
| 2.3 | 12.9 | 843.1 | 925.0 | 17.2 | 10.4 | 172.2 | 13.1 | -0.6 | 13.1 | 298.0 | 321.1 | 8.6 | 64.2 | 1.7 | 357. |
| 3.1 | 15.3 | 1076.6 | 900.0 | 15.2 | 9.2 | 183.0 | 14.6 | 0.8 | 14.6 | 298.2 | 320.3 | 8.2 | 67.5 | 2.4 | 357. |
| 3.9 | 17.5 | 1215.0 | 875.0 | 13.6 | 8.1 | 188.0 | 14.7 | 2.0 | 14.5 | 298.9 | 320.0 | 7.8 | 69.1 | 3.1 | 360. |
| 4.7 | 20.0 | 1558.9 | 850.0 | 12.6 | 5.6 | 193.5 | 13.2 | 3.1 | 12.9 | 300.2 | 318.8 | 6.7 | 62.2 | 3.7 | 1. |
| 5.6 | 22.3 | 1810.6 | 825.0 | 13.3 | 3.6 | 214.7 | 12.9 | 7.4 | 10.6 | 303.5 | 320.4 | 6.0 | 51.5 | 4.4 | 5. |
| 6.5 | 24.9 | 2069.4 | 800.0 | 12.8 | 1.9 | 236.3 | 11.8 | 9.8 | 6.6 | 305.5 | 321.2 | 5.5 | 47.5 | 4.9 | 10. |
| 7.3 | 27.3 | 2335.1 | 775.0 | 10.6 | 0.5 | 246.1 | 13.2 | 12.0 | 5.3 | 305.9 | 320.6 | 5.1 | 49.7 | 5.3 | 15. |
| 8.2 | 29.9 | 2607.2 | 750.0 | 8.3 | -0.6 | 249.9 | 13.5 | 12.7 | 4.6 | 306.3 | 320.4 | 4.9 | 53.4 | 5.7 | 21. |
| 9.1 | 32.7 | 2886.4 | 725.0 | 5.8 | -2.2 | 253.3 | 12.5 | 12.0 | 3.6 | 306.4 | 319.5 | 4.5 | 56.2 | 6.2 | 24. |
| 10.0 | 35.4 | 3172.5 | 700.0 | 3.0 | -4.8 | 259.4 | 12.5 | 12.3 | 2.3 | 306.4 | 319.2 | 4.5 | 65.8 | 6.7 | 31. |
| 10.9 | 38.0 | 3464.1 | 675.0 | 0.8 | -2.9 | 268.0 | 13.5 | 13.5 | 0.2 | 307.1 | 320.4 | 4.6 | 76.4 | 7.1 | 35. |
| 12.0 | 40.7 | 3769.5 | 650.0 | -1.2 | -6.3 | 276.4 | 16.2 | 15.9 | -2.6 | 308.1 | 318.9 | 3.7 | 68.0 | 7.6 | 41. |
| 13.1 | 43.7 | 4080.8 | 625.0 | -2.0 | -6.4 | 282.7 | 18.8 | 18.3 | -4.1 | 310.7 | 321.9 | 3.8 | 71.7 | 8.2 | 44. |
| 14.0 | 46.6 | 4405.0 | 600.0 | -3.8 | -5.6 | 287.0 | 19.1 | 18.2 | -5.6 | 312.3 | 324.8 | 4.2 | 87.1 | 8.9 | 54. |
| 15.1 | 49.6 | 4740.8 | 575.0 | -4.8 | -5.0 | 297.1 | 16.9 | 15.0 | -7.7 | 318.8 | 327.6 | 4.2 | 91.4 | 9.7 | 60. |
| 16.4 | 52.6 | 5089.9 | 550.0 | -6.7 | -10.4 | 304.2 | 15.4 | 12.8 | -8.7 | 316.6 | 326.3 | 3.2 | 74.9 | 10.2 | 66. |
| 17.5 | 55.6 | 5452.1 | 525.0 | -9.0 | -12.7 | 303.2 | 14.9 | 12.4 | -8.1 | 317.9 | 326.5 | 2.7 | 74.4 | 10.8 | 71. |
| 18.7 | 58.9 | 5829.0 | 500.0 | -11.8 | -14.1 | 302.7 | 14.5 | 12.2 | -7.8 | 319.0 | 327.0 | 2.6 | 82.7 | 11.5 | 75. |
| 19.9 | 62.3 | 6219.7 | 475.0 | -14.1 | -16.2 | 301.5 | 14.3 | 12.2 | -7.5 | 320.8 | 328.0 | 2.3 | 83.8 | 12.2 | 78. |
| 21.2 | 65.6 | 6628.5 | 450.0 | -16.5 | -18.8 | 296.3 | 15.1 | 13.2 | -7.4 | 322.6 | 329.3 | 1.8 | 75.5 | 13.1 | 82. |
| 22.6 | 69.1 | 7055.5 | 425.0 | -19.9 | -23.0 | 292.4 | 16.4 | 15.2 | -6.2 | 323.6 | 328.3 | 1.4 | 76.1 | 14.2 | 85. |
| 24.1 | 72.7 | 7502.7 | 400.0 | -23.1 | -26.2 | 287.6 | 19.1 | 16.3 | -5.8 | 325.0 | 328.8 | 1.1 | 76.0 | 15.6 | 87. |
| 25.6 | 76.5 | 7972.9 | 375.0 | -26.2 | -29.8 | 279.4 | 18.7 | 16.5 | -3.0 | 325.9 | 329.8 | 0.9 | 71.9 | 17.3 | 89. |
| 27.2 | 80.4 | 8467.8 | 350.0 | -30.3 | -33.7 | 274.7 | 17.8 | 17.8 | -1.5 | 327.5 | 330.1 | 0.6 | 68.5 | 19.0 | 90. |
| 29.0 | 84.5 | 8990.6 | 325.0 | -34.3 | -38.1 | 271.1 | 20.7 | 20.7 | -0.4 | 329.3 | 330.9 | 0.4 | 64.5 | 21.1 | 90. |
| 30.8 | 88.6 | 9545.1 | 300.0 | -38.9 | -42.3 | 276.7 | 24.4 | 24.3 | -2.8 | 330.5 | 331.4 | 0.2 | 55.9 | 23.5 | 90. |
| 32.7 | 93.2 | 10135.0 | 275.0 | -44.4 | -46.9 | 286.0 | 29.2 | 28.0 | -5.1 | 331.0 | 330.9 | 99.9 | 99.9 | 26.5 | 92. |
| 35.1 | 98.3 | 10766.6 | 250.0 | -48.8 | -50.9 | 284.5 | 34.6 | 33.5 | -8.7 | 333.5 | 330.9 | 99.9 | 99.9 | 31.1 | 94. |
| 37.6 | 102.8 | 11450.4 | 225.0 | -53.9 | -54.9 | 282.3 | 39.0 | 38.1 | -8.2 | 335.9 | 329.9 | 99.9 | 99.9 | 36.4 | 95. |
| 40.2 | 108.4 | 12156.3 | 200.0 | -60.3 | -59.9 | 283.0 | 42.2 | 41.2 | -9.5 | 337.3 | 329.9 | 99.9 | 99.9 | 42.6 | 96. |
| 43.2 | 114.3 | 13017.2 | 175.0 | -63.2 | -64.9 | 286.0 | 39.1 | 38.0 | -10.8 | 345.6 | 329.9 | 99.9 | 99.9 | 50.3 | 96. |
| 46.7 | 120.3 | 13974.6 | 150.0 | -59.1 | -61.9 | 286.6 | 34.1 | 33.0 | -8.6 | 368.3 | 329.9 | 99.9 | 99.9 | 57.8 | 98. |
| 51.0 | 127.3 | 15104.0 | 125.0 | -65.0 | -65.9 | 279.0 | 23.9 | 23.6 | -3.7 | 377.2 | 329.9 | 99.9 | 99.9 | 65.2 | 99. |
| 56.0 | 135.0 | 16454.8 | 100.0 | -68.7 | -68.9 | 277.8 | 14.8 | 14.6 | -3.0 | 395.0 | 329.9 | 99.9 | 99.9 | 72.7 | 98. |
| 62.3 | 142.3 | 18153.9 | 75.0 | -65.1 | -65.9 | 277.0 | 10.9 | 10.8 | -1.3 | 428.0 | 329.9 | 99.9 | 99.9 | 77.4 | 99. |
| 71.4 | 150.5 | 20627.6 | 50.0 | -61.1 | -61.9 | 64.7 | 3.6 | -3.4 | -1.6 | 498.6 | 329.9 | 99.9 | 99.9 | 79.9 | 100. |
| 85.4 | 155.0 | 25058.3 | 25.0 | -53.2 | -59.9 | 320.2 | 9.4 | 6.0 | -7.2 | 631.6 | 329.9 | 99.9 | 99.9 | 83.3 | 101. |

ORIGINAL PAGE IS
OF POOR QUALITY

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LA23 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.8 | 1.0 | 1019.9 | 23.7 | 21.6 | 130.0 | 3.1 | -2.4 | 2.0 | 297.4 | 339.4 | 16.2 | 88.0 | 0.0 | 0. |
| 0.8 | 6.5 | 173.6 | 1000.0 | 22.0 | 21.2 | 136.1 | 5.5 | -3.0 | 4.0 | 297.3 | 339.1 | 16.1 | 94.8 | 0.3 | 306. |
| 1.6 | 9.0 | 393.9 | 975.0 | 20.7 | 20.0 | 152.6 | 7.4 | -3.4 | 6.6 | 498.0 | 338.0 | 15.3 | 95.7 | 0.6 | 317. |
| 2.7 | 11.3 | 619.0 | 950.0 | 19.3 | 14.5 | 167.1 | 9.0 | -2.0 | 8.7 | 298.7 | 336.3 | 14.3 | 95.0 | 1.1 | 327. |
| 3.6 | 13.8 | 848.9 | 925.0 | 18.2 | 17.1 | 173.3 | 10.2 | -1.2 | 10.2 | 299.7 | 335.3 | 13.4 | 92.5 | 1.6 | 314. |
| 4.5 | 16.1 | 1083.7 | 900.0 | 16.6 | 15.0 | 181.4 | 10.1 | 0.3 | 10.1 | 300.2 | 332.3 | 12.0 | 90.3 | 2.1 | 340. |
| 5.6 | 18.7 | 1323.7 | 875.0 | 15.0 | 11.8 | 183.0 | 8.6 | 0.5 | 6.6 | 300.7 | 327.8 | 10.1 | 81.6 | 2.7 | 345. |
| 6.5 | 21.1 | 1565.3 | 850.0 | 13.8 | 12.0 | 195.4 | 7.0 | 1.9 | 6.8 | 302.0 | 330.2 | 10.4 | 84.5 | 3.1 | 349. |
| 7.5 | 23.4 | 1821.1 | 825.0 | 12.9 | 9.2 | 208.6 | 7.7 | 3.7 | 6.7 | 303.4 | 327.9 | 8.9 | 78.5 | 3.4 | 352. |
| 8.3 | 26.4 | 2080.1 | 800.0 | 11.8 | 7.2 | 197.7 | 7.3 | 2.2 | 6.9 | 304.7 | 327.0 | 8.0 | 73.6 | 3.7 | 355. |
| 9.1 | 29.2 | 2345.8 | 775.0 | 11.0 | 4.0 | 194.6 | 6.6 | 2.2 | 6.3 | 306.5 | 325.2 | 6.6 | 61.8 | 4.1 | 357. |
| 9.9 | 32.3 | 2618.7 | 750.0 | 9.3 | 1.4 | 198.3 | 9.0 | 2.8 | 8.6 | 307.4 | 323.7 | 5.7 | 57.8 | 4.5 | 359. |
| 10.9 | 35.0 | 2895.0 | 725.0 | 7.5 | -4.1 | 199.4 | 9.2 | 3.1 | 8.7 | 308.2 | 319.6 | 3.9 | 43.3 | 5.0 | 1. |
| 12.0 | 37.7 | 3187.5 | 700.0 | 6.3 | -16.6 | 207.5 | 8.1 | 3.8 | 7.2 | 309.6 | 314.3 | 1.5 | 17.5 | 5.5 | 3. |
| 13.1 | 40.6 | 3485.1 | 675.0 | 5.9 | -33.8 | 242.7 | 5.6 | 5.0 | 2.6 | 312.2 | 313.5 | 0.4 | 4.2 | 5.9 | 6. |
| 14.2 | 43.6 | 3793.1 | 650.0 | 4.8 | -39.6 | 283.2 | 5.3 | 5.1 | -1.2 | 314.4 | 315.0 | 0.2 | 2.3 | 6.3 | 9. |
| 15.6 | 46.7 | 4111.4 | 625.0 | 2.6 | -21.8 | 284.8 | 5.5 | 5.3 | -1.4 | 315.5 | 319.0 | 1.1 | 14.6 | 5.9 | 13. |
| 16.8 | 49.9 | 4439.9 | 600.0 | 0.2 | -18.0 | 292.0 | 6.6 | 6.1 | -2.5 | 316.5 | 321.4 | 1.5 | 24.1 | 5.2 | 18. |
| 19.1 | 52.3 | 4779.9 | 575.0 | -2.1 | -13.4 | 293.5 | 8.6 | 7.9 | -3.4 | 317.9 | 325.3 | 2.4 | 41.4 | 5.9 | 23. |
| 19.3 | 56.0 | 5131.8 | 550.0 | -4.5 | -13.1 | 288.7 | 9.4 | 8.9 | -3.0 | 319.1 | 327.0 | 2.5 | 50.7 | 6.0 | 30. |
| 20.7 | 58.5 | 5457.3 | 525.0 | -6.1 | -18.7 | 284.7 | 8.9 | 8.6 | -2.3 | 321.2 | 326.6 | 1.7 | 36.2 | 6.2 | 37. |
| 22.2 | 63.3 | 5877.4 | 500.0 | -8.5 | -22.0 | 287.4 | 8.9 | 8.5 | -2.7 | 322.8 | 327.2 | 1.3 | 32.7 | 6.5 | 41. |
| 23.7 | 66.4 | 6272.9 | 475.0 | -11.7 | -22.8 | 292.5 | 9.5 | 8.8 | -3.6 | 323.6 | 327.9 | 1.3 | 39.4 | 6.9 | 49. |
| 25.2 | 70.3 | 6644.4 | 450.0 | -15.2 | -23.1 | 300.3 | 10.0 | 9.1 | -5.3 | 324.2 | 328.6 | 1.3 | 50.7 | 7.3 | 56. |
| 26.6 | 73.9 | 7113.8 | 425.0 | -18.6 | -25.9 | 295.0 | 9.1 | 8.6 | -3.0 | 325.2 | 328.9 | 1.1 | 52.2 | 7.7 | 62. |
| 28.3 | 78.3 | 7563.7 | 400.0 | -20.2 | -25.8 | 278.2 | 11.0 | 10.8 | -1.6 | 326.6 | 328.8 | 0.0 | 2.5 | 8.4 | 68. |
| 30.0 | 82.0 | 8039.2 | 375.0 | -23.4 | -24.9 | 279.9 | 14.9 | 14.6 | -2.6 | 330.5 | 330.6 | 0.0 | 1.0 | 5.6 | 70. |
| 31.7 | 86.3 | 8539.9 | 350.0 | -27.3 | -27.3 | 275.2 | 19.2 | 19.1 | -1.7 | 331.9 | 332.0 | 0.0 | 1.0 | 11.1 | 74. |
| 33.5 | 90.5 | 9049.2 | 325.0 | -31.7 | -28.4 | 274.2 | 22.5 | 22.4 | -1.6 | 332.9 | 333.1 | 0.0 | 5.1 | 13.4 | 78. |
| 35.4 | 95.3 | 9630.1 | 300.0 | -36.4 | -29.8 | 276.4 | 22.6 | 22.4 | -2.5 | 333.9 | 334.1 | 0.0 | 6.8 | 15.8 | 80. |
| 37.5 | 100.2 | 10226.9 | 275.0 | -41.7 | -29.9 | 281.3 | 23.7 | 23.3 | -4.7 | 334.6 | 334.9 | 99.9 | 95.9 | 18.6 | 83. |
| 39.8 | 105.3 | 10845.8 | 250.0 | -46.9 | -29.9 | 285.6 | 25.9 | 25.0 | -7.0 | 336.4 | 336.4 | 99.9 | 99.9 | 22.0 | 86. |
| 42.3 | 110.9 | 11555.2 | 225.0 | -52.3 | -29.9 | 286.3 | 30.4 | 29.2 | -8.5 | 338.3 | 338.3 | 99.9 | 99.9 | 25.9 | 90. |
| 44.8 | 116.6 | 12306.7 | 200.0 | -58.3 | -29.9 | 282.8 | 29.8 | 29.0 | -6.6 | 340.5 | 339.9 | 99.9 | 99.9 | 30.5 | 92. |
| 47.7 | 123.3 | 13134.8 | 175.0 | -64.5 | -29.9 | 290.8 | 29.4 | 27.5 | -10.4 | 343.5 | 339.9 | 99.9 | 99.9 | 35.6 | 94. |
| 50.9 | 130.3 | 14082.7 | 150.0 | -60.7 | -29.9 | 292.8 | 24.1 | 23.5 | -5.3 | 365.5 | 339.9 | 99.9 | 99.9 | 40.8 | 95. |
| 54.8 | 137.5 | 15207.0 | 125.0 | -65.4 | -29.9 | 271.1 | 17.7 | 17.7 | -0.3 | 376.6 | 339.9 | 99.9 | 99.9 | 45.7 | 96. |
| 59.6 | 145.0 | 16545.0 | 100.0 | -70.9 | -29.9 | 264.0 | 15.5 | 15.4 | 1.6 | 390.8 | 339.9 | 99.9 | 99.9 | 50.5 | 95. |
| 65.3 | 153.0 | 18244.4 | 75.0 | -65.5 | -29.9 | 307.5 | 8.5 | 6.8 | -5.2 | 427.1 | 339.9 | 99.9 | 99.9 | 54.7 | 96. |
| 73.7 | 161.7 | 20704.8 | 50.0 | -60.6 | -29.9 | 342.8 | 4.7 | 1.4 | -4.5 | 500.3 | 339.9 | 99.9 | 99.9 | 55.3 | 97. |
| 90.9 | 59.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 235
JACKSON, MISS23 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTC GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.2 | 1000.0 | 1006.8 | 24.4 | 17.1 | 170.0 | 4.6 | -0.8 | 4.5 | 298.7 | 331.3 | 12.3 | 64.0 | 0.0 | 0. |
| 0.2 | 4.2 | 159.5 | 1006.0 | 23.8 | 17.0 | 172.0 | 9.9 | -1.4 | 5.8 | 298.6 | 331.2 | 12.3 | 65.6 | 0.2 | 356. |
| 1.1 | 6.7 | 380.9 | 975.0 | 22.5 | 16.4 | 173.1 | 12.5 | -1.5 | 12.4 | 298.4 | 331.8 | 12.2 | 68.7 | 0.7 | 354. |
| 1.9 | 5.0 | 606.7 | 950.0 | 21.0 | 16.0 | 173.3 | 15.9 | -1.8 | 15.8 | 300.1 | 332.6 | 12.2 | 73.4 | 1.3 | 354. |
| 2.8 | 11.1 | 837.1 | 925.0 | 17.9 | 14.6 | 176.6 | 13.5 | -0.8 | 13.5 | 259.2 | 323.6 | 11.4 | 81.2 | 2.2 | 354. |
| 3.8 | 13.4 | 1071.6 | 900.0 | 16.1 | 14.5 | 183.6 | 12.6 | 0.8 | 12.6 | 259.7 | 330.7 | 11.6 | 90.0 | 2.6 | 355. |
| 4.7 | 15.6 | 1311.3 | 875.0 | 14.5 | 12.8 | 193.2 | 12.6 | 2.9 | 12.3 | 300.3 | 323.0 | 10.7 | 89.6 | 3.6 | 358. |
| 5.7 | 16.0 | 1556.1 | 850.0 | 12.6 | 11.1 | 196.2 | 13.9 | 3.9 | 13.4 | 307.7 | 327.3 | 9.8 | 90.3 | 4.3 | 1. |
| 6.7 | 20.4 | 1807.3 | 825.0 | 12.6 | 8.0 | 208.6 | 15.3 | 7.3 | 13.4 | 303.0 | 325.5 | 8.2 | 73.8 | 5.2 | 4. |
| 7.8 | 22.7 | 2065.2 | 800.0 | 12.8 | 5.8 | 215.0 | 18.2 | 10.5 | 14.9 | 305.7 | 326.1 | 7.3 | 62.7 | 6.1 | 9. |
| 8.8 | 25.2 | 2332.3 | 775.0 | 10.8 | 2.7 | 216.1 | 17.8 | 10.5 | 14.4 | 306.2 | 323.3 | 6.0 | 57.3 | 7.2 | 13. |
| 9.8 | 27.6 | 2605.2 | 750.0 | 10.0 | -6.0 | 218.7 | 16.1 | 10.1 | 12.6 | 307.8 | 317.8 | 3.4 | 32.9 | 8.2 | 16. |
| 10.8 | 30.2 | 2936.6 | 725.0 | 9.5 | -8.3 | 240.5 | 14.1 | 12.3 | 7.0 | 310.5 | 323.6 | 4.5 | 43.5 | 8.9 | 19. |
| 11.4 | 33.0 | 3177.3 | 700.0 | 8.1 | -1.7 | 263.7 | 16.3 | 16.2 | 1.8 | 312.0 | 326.2 | 4.8 | 45.9 | 9.4 | 23. |
| 12.9 | 35.5 | 3476.7 | 675.0 | 6.0 | -3.4 | 285.5 | 17.5 | 17.5 | 0.2 | 313.0 | 326.1 | 4.4 | 50.7 | 10.0 | 29. |
| 14.2 | 38.4 | 3784.7 | 650.0 | 3.5 | -8.6 | 282.6 | 14.6 | 14.2 | -3.2 | 313.4 | 326.0 | 4.2 | 55.6 | 10.6 | 36. |
| 15.6 | 41.0 | 4101.4 | 625.0 | 0.5 | -5.0 | 262.9 | 14.8 | 14.4 | -3.3 | 313.5 | 326.1 | 4.2 | 66.5 | 11.0 | 41. |
| 17.1 | 44.1 | 4427.5 | 600.0 | -2.8 | -5.3 | 282.8 | 15.7 | 15.3 | -3.5 | 313.4 | 326.3 | 4.3 | 83.0 | 11.8 | 42. |
| 18.3 | 47.1 | 4763.9 | 575.0 | -4.8 | -5.8 | 279.0 | 16.6 | 16.6 | -2.6 | 314.9 | 327.9 | 4.3 | 92.8 | 12.5 | 52. |
| 19.4 | 50.2 | 5112.9 | 550.0 | -7.0 | -7.8 | 278.3 | 18.8 | 14.6 | -2.7 | 315.3 | 328.1 | 3.9 | 93.9 | 13.4 | 55. |
| 20.7 | 53.3 | 5474.9 | 525.0 | -9.1 | -10.1 | 280.6 | 18.5 | 14.2 | -3.4 | 317.9 | 328.3 | 3.4 | 92.4 | 14.5 | 60. |
| 22.0 | 56.4 | 5851.5 | 500.0 | -11.1 | -12.6 | 274.1 | 18.7 | 13.6 | -1.3 | 319.8 | 328.9 | 2.9 | 89.1 | 15.6 | 63. |
| 23.4 | 59.3 | 6244.1 | 475.0 | -13.7 | -15.2 | 272.0 | 20.4 | 20.4 | -0.7 | 321.3 | 323.2 | 2.5 | 88.0 | 17.0 | 65. |
| 24.8 | 62.3 | 6653.4 | 450.0 | -16.4 | -17.8 | 273.5 | 22.0 | 21.9 | -1.3 | 322.8 | 329.6 | 2.1 | 89.0 | 18.7 | 68. |
| 26.4 | 66.9 | 7081.1 | 425.0 | -19.5 | -21.8 | 270.1 | 21.9 | 21.9 | -0.1 | 324.1 | 329.2 | 1.6 | 82.0 | 20.6 | 70. |
| 28.2 | 70.6 | 7529.3 | 400.0 | -22.5 | -25.3 | 265.4 | 21.1 | 21.0 | 1.7 | 325.8 | 329.5 | 1.1 | 70.9 | 22.8 | 72. |
| 30.0 | 74.5 | 7999.7 | 375.0 | -26.2 | -30.1 | 263.0 | 20.9 | 20.7 | 2.6 | 326.9 | 329.8 | 0.8 | 69.8 | 25.0 | 73. |
| 31.8 | 78.7 | 8495.2 | 350.0 | -30.1 | -34.3 | 264.3 | 21.2 | 21.1 | 2.1 | 328.1 | 330.2 | 0.6 | 66.5 | 27.2 | 74. |
| 33.7 | 82.0 | 9018.8 | 325.0 | -33.6 | -38.0 | 264.5 | 25.4 | 25.3 | 2.5 | 330.0 | 331.5 | 0.4 | 61.5 | 30.0 | 75. |
| 35.7 | 87.2 | 9574.8 | 300.0 | -38.4 | -43.7 | 273.2 | 29.5 | 28.3 | -1.6 | 331.1 | 332.1 | 0.3 | 57.4 | 33.0 | 76. |
| 37.7 | 92.3 | 10167.6 | 275.0 | -42.5 | -49.9 | 273.4 | 35.7 | 35.6 | -2.1 | 333.6 | 927.9 | 99.9 | 99.9 | 36.8 | 78. |
| 40.0 | 97.3 | 10603.7 | 250.0 | -48.0 | -56.9 | 274.3 | 38.7 | 38.6 | -2.9 | 334.7 | 99.9 | 99.9 | 99.9 | 42.0 | 80. |
| 42.6 | 102.9 | 11490.2 | 225.0 | -53.4 | -61.5 | 272.7 | 39.0 | 39.0 | -1.8 | 336.7 | 99.9 | 99.9 | 99.9 | 47.8 | 82. |
| 45.3 | 108.9 | 12238.1 | 200.0 | -59.4 | -67.9 | 273.3 | 41.4 | 41.3 | -2.4 | 338.2 | 99.9 | 99.9 | 99.9 | 54.6 | 83. |
| 48.4 | 115.2 | 13066.7 | 175.0 | -61.5 | -70.9 | 271.9 | 38.5 | 38.4 | -1.3 | 340.4 | 99.9 | 99.9 | 99.9 | 62.0 | 85. |
| 52.2 | 122.3 | 14023.3 | 150.0 | -61.3 | -70.9 | 272.1 | 31.7 | 31.7 | -1.2 | 364.4 | 99.9 | 99.9 | 99.9 | 70.3 | 85. |
| 56.3 | 130.3 | 15149.2 | 125.0 | -64.3 | -70.9 | 267.9 | 30.6 | 30.5 | 1.1 | 378.6 | 99.9 | 99.9 | 99.9 | 77.9 | 86. |
| 61.2 | 138.7 | 16495.2 | 100.0 | -68.2 | -70.9 | 259.9 | 22.6 | 22.2 | 4.0 | 398.0 | 99.9 | 99.9 | 99.9 | 85.0 | 86. |
| 67.5 | 147.5 | 18206.9 | 75.0 | -65.3 | -70.9 | 255.8 | 10.9 | 10.5 | -3.0 | 427.5 | 99.9 | 99.9 | 99.9 | 89.6 | 87. |
| 76.2 | 157.3 | 20687.6 | 50.0 | -59.3 | -70.9 | 17.1 | 3.5 | -1.0 | -3.3 | 503.9 | 99.9 | 99.9 | 99.9 | 90.9 | 87. |
| 90.3 | 167.3 | 25127.5 | 25.0 | -51.6 | -70.9 | 341.8 | 7.4 | 2.3 | -7.1 | 636.7 | 99.9 | 99.9 | 99.9 | 92.9 | 89. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

* BY SV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 240
LAKE CHARLES, LA

23 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 3.3 | 5.0 | 1015.7 | 24.4 | 20.5 | 160.0 | 6.3 | -2.0 | 7.0 | 298.3 | 338.0 | 15.2 | 79.0 | 0.0 | 0. |
| 0.4 | 4.5 | 141.9 | 1000.0 | 23.4 | 20.4 | 162.0 | 9.3 | -2.9 | 8.0 | 298.6 | 338.7 | 15.3 | 83.2 | 0.3 | 34.2 |
| 1.2 | 6.3 | 363.0 | 975.0 | 21.2 | 19.5 | 164.8 | 9.7 | -2.5 | 9.3 | 298.5 | 337.6 | 14.9 | 90.7 | 0.7 | 34.2 |
| 1.9 | 8.3 | 568.1 | 950.0 | 19.2 | 18.2 | 170.1 | 11.2 | -1.9 | 11.1 | 298.5 | 335.3 | 14.0 | 94.1 | 1.1 | 34.2 |
| 2.5 | 10.2 | 817.7 | 925.0 | 17.4 | 16.3 | 185.1 | 13.0 | 1.2 | 13.0 | 298.9 | 332.6 | 12.8 | 93.1 | 1.6 | 34.7 |
| 3.3 | 12.1 | 1051.8 | 900.0 | 15.8 | 14.6 | 192.4 | 14.1 | 3.1 | 13.7 | 299.3 | 330.5 | 11.7 | 92.9 | 2.2 | 35.5 |
| 4.2 | 14.2 | 1291.3 | 875.0 | 14.5 | 13.0 | 196.1 | 12.3 | 3.4 | 11.8 | 300.3 | 329.5 | 10.9 | 91.1 | 2.9 | 35.5 |
| 5.0 | 16.1 | 1535.6 | 850.0 | 12.0 | -1.4 | 195.2 | 11.3 | 3.0 | 10.9 | 299.2 | 310.8 | 4.1 | 40.1 | 3.5 | 2. |
| 5.8 | 18.2 | 1784.8 | 825.0 | 14.1 | -9.9 | 189.5 | 7.3 | 1.1 | 7.3 | 303.8 | 310.5 | 2.3 | 18.7 | 3.6 | 1. |
| 6.6 | 20.4 | 2045.7 | 800.0 | 12.4 | 0.2 | 194.0 | 6.6 | 1.6 | 6.4 | 305.0 | 318.9 | 4.9 | 43.3 | 4.2 | 3. |
| 7.5 | 22.5 | 2311.3 | 775.0 | 11.0 | 1.6 | 195.9 | 7.1 | 1.9 | 6.8 | 306.3 | 322.2 | 5.6 | 52.4 | 4.5 | 5. |
| 8.5 | 24.7 | 2585.3 | 750.0 | 13.0 | -42.0 | 201.5 | 8.6 | 3.1 | 8.0 | 310.7 | 311.1 | 0.1 | 1.0 | 5.0 | 6. |
| 9.5 | 26.7 | 2870.2 | 725.0 | 13.6 | -31.9 | 221.0 | 10.0 | 6.5 | 7.5 | 314.4 | 315.8 | 0.4 | 3.0 | 5.5 | 8. |
| 10.3 | 29.1 | 3144.0 | 700.0 | 11.9 | -20.1 | 237.1 | 11.7 | 9.8 | 6.4 | 315.7 | 317.9 | 0.6 | 5.2 | 5.9 | 11. |
| 11.5 | 31.6 | 3466.4 | 675.0 | 9.0 | -22.4 | 244.4 | 13.5 | 12.2 | 5.9 | 315.8 | 318.9 | 0.9 | 9.0 | 6.5 | 19. |
| 12.6 | 34.1 | 3776.9 | 650.0 | 6.3 | -22.0 | 248.0 | 13.0 | 12.0 | 4.9 | 316.2 | 319.5 | 1.0 | 11.0 | 7.2 | 23. |
| 13.7 | 36.4 | 4096.7 | 625.0 | 3.5 | -20.5 | 251.0 | 13.2 | 12.5 | 4.3 | 316.6 | 320.4 | 1.2 | 15.2 | 7.7 | 27. |
| 14.8 | 39.0 | 4426.1 | 600.0 | 0.9 | -13.5 | 248.3 | 13.3 | 12.3 | 4.9 | 317.4 | 324.5 | 2.2 | 33.1 | 8.4 | 34. |
| 15.9 | 41.5 | 4766.6 | 575.0 | -1.9 | -14.3 | 237.0 | 12.8 | 10.8 | 7.0 | 318.0 | 325.0 | 2.2 | 38.0 | 9.1 | 35. |
| 17.0 | 44.2 | 5115.4 | 550.0 | -4.9 | -12.4 | 236.9 | 13.2 | 10.8 | 7.6 | 318.6 | 327.1 | 2.7 | 55.6 | 10.0 | 42. |
| 18.2 | 47.0 | 5482.2 | 525.0 | -8.3 | -11.3 | 242.9 | 13.8 | 12.8 | 6.3 | 318.8 | 328.4 | 3.1 | 78.9 | 10.9 | 34. |
| 19.5 | 50.0 | 5859.6 | 500.0 | -10.6 | -14.4 | 248.6 | 13.8 | 12.8 | 5.0 | 320.4 | 328.3 | 2.5 | 73.5 | 11.9 | 40. |
| 20.7 | 52.8 | 6252.7 | 475.0 | -13.7 | -18.1 | 260.3 | 13.4 | 13.2 | 2.3 | 321.2 | 327.4 | 1.9 | 69.0 | 12.7 | 43. |
| 22.1 | 55.7 | 6662.1 | 450.0 | -16.2 | -18.7 | 268.5 | 14.9 | 14.9 | 0.4 | 323.0 | 329.3 | 1.9 | 87.0 | 13.6 | 40. |
| 23.6 | 58.6 | 7090.0 | 425.0 | -19.5 | -21.1 | 276.4 | 17.3 | 17.2 | -1.9 | 324.2 | 329.7 | 1.7 | 87.0 | 14.5 | 50. |
| 25.0 | 62.1 | 7531.1 | 400.0 | -22.6 | -29.9 | 273.4 | 21.6 | 21.6 | -1.3 | 325.7 | 328.4 | 0.8 | 51.2 | 15.8 | 51. |
| 26.5 | 65.4 | 8003.3 | 375.0 | -25.8 | -34.7 | 271.6 | 22.2 | 22.2 | -0.6 | 327.5 | 329.3 | 0.5 | 42.5 | 17.5 | 52. |
| 28.2 | 69.0 | 8500.9 | 350.0 | -28.8 | -34.4 | 277.0 | 23.5 | 23.3 | -2.9 | 329.9 | 331.9 | 0.6 | 58.2 | 19.1 | 63. |
| 29.9 | 72.5 | 9032.9 | 325.0 | -32.0 | -44.5 | 272.4 | 26.7 | 26.7 | -1.1 | 332.6 | 333.4 | 0.2 | 28.1 | 21. | 66. |
| 31.6 | 76.5 | 9592.3 | 300.0 | -36.3 | -51.1 | 268.3 | 29.3 | 29.2 | 0.5 | 334.1 | 334.5 | 0.1 | 19.9 | 24.3 | 66. |
| 33.5 | 80.6 | 10190.8 | 275.0 | -41.4 | 99.9 | 268.6 | 30.7 | 30.7 | 0.8 | 335.2 | 335.9 | 99.9 | 99.9 | 27.5 | 71. |
| 35.6 | 85.0 | 10830.5 | 250.0 | -46.4 | 99.9 | 269.0 | 32.9 | 32.9 | 0.6 | 337.1 | 337.9 | 99.9 | 99.9 | 31.3 | 74. |
| 37.7 | 89.5 | 11522.8 | 225.0 | -51.4 | 99.9 | 269.9 | 32.3 | 32.1 | 2.8 | 338.8 | 339.9 | 99.9 | 99.9 | 35.2 | 75. |
| 40.0 | 94.8 | 12275.7 | 200.0 | -56.4 | 99.9 | 263.3 | 30.4 | 30.2 | 3.5 | 340.3 | 340.9 | 99.9 | 99.9 | 39.6 | 76. |
| 42.4 | 100.2 | 13104.4 | 175.0 | -65.2 | 99.9 | 266.4 | 32.1 | 32.1 | 2.0 | 342.4 | 342.4 | 99.9 | 99.9 | 44.0 | 77. |
| 45.2 | 106.3 | 14050.5 | 150.0 | -61.0 | 99.9 | 267.8 | 29.8 | 29.8 | 1.2 | 345.0 | 345.0 | 99.9 | 99.9 | 49.0 | 78. |
| 48.7 | 113.0 | 15172.2 | 125.0 | -65.3 | 99.9 | 267.0 | 23.5 | 23.5 | 1.2 | 346.8 | 346.8 | 99.9 | 99.9 | 54.2 | 79. |
| 53.0 | 121.3 | 16514.3 | 100.0 | -70.0 | 99.9 | 251.8 | 19.2 | 18.3 | 6.0 | 352.5 | 352.5 | 99.9 | 99.9 | 59.6 | 79. |
| 58.3 | 130.7 | 18221.1 | 75.0 | -70.6 | 99.9 | 271.7 | 15.5 | 15.5 | -0.4 | 424.9 | 424.9 | 99.9 | 99.9 | 64.3 | 79. |
| 64.0 | 142.0 | 20700.8 | 50.0 | -41.0 | 99.9 | 358.7 | 1.0 | 0.0 | -1.0 | 459.7 | 459.7 | 99.9 | 99.9 | 65.7 | 74. |
| 76.2 | 154.0 | 25136.9 | 25.0 | -51.1 | 99.9 | 18.4 | 7.8 | -2.5 | -7.4 | 637.8 | 637.8 | 99.9 | 99.9 | 65.8 | 80. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 248
SHREVEPORT, LA

23 APRIL 1975
2322 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

162 140 1

| TIME MIN | CNTCT | WEIGHT GPH | PRES MM | TEMP DG C | DEW PT DG C | DIR CG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.1 | 790.0 | 1004.7 | 23.9 | 18.3 | 180.0 | 4.6 | 0.0 | 4.6 | 298.5 | 333.6 | 13.3 | 71.0 | 0.0 | 0. |
| 0.1 | 4.5 | 120.2 | 1020.0 | 23.8 | 18.3 | 176.6 | 1.9 | -0.0 | 1.9 | 298.7 | 334.0 | 13.4 | 71.3 | 0.3 | 35.0 |
| 0.9 | 6.4 | 342.1 | 975.0 | 21.3 | 17.8 | 176.1 | 4.0 | -0.3 | 4.0 | 300.5 | 335.9 | 13.3 | 71.1 | 0.5 | 30.0 |
| 1.6 | 8.5 | 568.7 | 950.0 | 21.4 | 17.0 | 170.7 | 15.4 | -0.9 | 15.4 | 300.6 | 335.1 | 13.0 | 76.2 | 1.0 | 35.8 |
| 2.6 | 10.6 | 798.7 | 925.0 | 19.3 | 16.0 | 180.5 | 15.0 | 0.4 | 15.0 | 300.7 | 334.0 | 12.5 | 81.1 | 1.9 | 35.6 |
| 3.5 | 12.6 | 1033.3 | 850.0 | 17.4 | 14.5 | 160.0 | 18.3 | 2.6 | 16.1 | 301.0 | 332.2 | 11.6 | 83.1 | 2.7 | 0. |
| 4.3 | 14.8 | 1276.0 | 875.0 | 16.1 | 13.5 | 154.2 | 19.0 | 4.7 | 18.5 | 302.0 | 332.2 | 11.2 | 84.7 | 3.6 | 3. |
| 5.3 | 16.9 | 1522.7 | 850.0 | 14.7 | 13.2 | 20.3 | 15.7 | 6.2 | 14.4 | 303.1 | 333.8 | 11.4 | 90.9 | 4.6 | 6. |
| 6.4 | 19.2 | 1775.3 | 825.0 | 13.1 | 11.7 | 207.0 | 15.8 | 7.2 | 14.0 | 303.9 | 332.7 | 10.6 | 91.1 | 5.5 | 10. |
| 7.3 | 21.3 | 2032.7 | 800.0 | 13.1 | 7.4 | 210.3 | 14.4 | 7.3 | 12.4 | 306.2 | 329.9 | 8.1 | 68.3 | 6.4 | 12. |
| 8.2 | 23.6 | 2302.1 | 775.0 | 12.6 | 3.2 | 205.4 | 12.2 | 5.2 | 11.0 | 308.2 | 328.1 | 6.3 | 52.6 | 7.1 | 14. |
| 9.2 | 25.9 | 2578.3 | 750.0 | 13.7 | -1.3 | 198.9 | 10.6 | 3.4 | 10.0 | 312.1 | 325.9 | 4.7 | 35.5 | 7.7 | 15. |
| 10.4 | 28.3 | 2843.2 | 725.0 | 12.2 | -1.5 | 206.7 | 11.0 | 5.5 | 9.6 | 313.4 | 327.5 | 4.7 | 38.5 | 8.5 | 15. |
| 11.5 | 30.9 | 3156.4 | 700.0 | 10.4 | -2.3 | 228.0 | 12.8 | 9.5 | 8.6 | 314.6 | 328.7 | 4.7 | 41.7 | 9.2 | 17. |
| 12.4 | 32.5 | 3457.7 | 675.0 | 7.5 | -3.2 | 243.7 | 15.4 | 14.7 | 7.4 | 314.6 | 328.0 | 4.5 | 46.5 | 9.8 | 20. |
| 14.0 | 36.0 | 3767.0 | 650.0 | 3.9 | -3.9 | 243.7 | 15.9 | 18.1 | 8.2 | 314.0 | 327.2 | 4.4 | 56.7 | 11.0 | 27. |
| 15.6 | 38.7 | 4085.0 | 625.0 | 2.0 | -5.1 | 243.3 | 19.4 | 17.6 | 8.1 | 315.3 | 327.9 | 4.2 | 59.2 | 12.7 | 32. |
| 16.7 | 41.3 | 4413.5 | 600.0 | 0.2 | -7.0 | 255.9 | 20.9 | 20.3 | 5.1 | 318.8 | 328.3 | 3.8 | 58.4 | 13.7 | 35. |
| 17.9 | 44.2 | 4752.0 | 575.0 | -3.0 | -7.7 | 258.7 | 23.2 | 22.8 | 4.6 | 317.0 | 328.4 | 3.7 | 69.7 | 15.0 | 40. |
| 19.3 | 47.1 | 5103.8 | 550.0 | -5.3 | -9.0 | 259.2 | 23.9 | 23.8 | 2.0 | 318.2 | 329.1 | 3.5 | 75.4 | 16.5 | 42. |
| 20.5 | 50.1 | 5462.9 | 525.0 | -8.0 | -9.9 | 272.4 | 24.2 | 24.2 | -1.0 | 319.2 | 329.8 | 3.4 | 86.2 | 17.9 | 48. |
| 21.9 | 53.1 | 5845.3 | 500.0 | -11.3 | -12.9 | 274.6 | 24.3 | 24.2 | -1.8 | 319.6 | 329.4 | 2.8 | 87.5 | 19.1 | 52. |
| 23.6 | 56.1 | 6237.9 | 475.0 | -13.3 | -15.3 | 266.9 | 24.5 | 24.5 | 1.4 | 321.7 | 329.5 | 2.4 | 84.8 | 21.1 | 56. |
| 24.7 | 59.4 | 6647.9 | 450.0 | -16.1 | -17.3 | 267.0 | 25.1 | 25.0 | 1.3 | 323.2 | 330.3 | 2.2 | 90.4 | 22.6 | 58. |
| 25.8 | 63.0 | 7076.1 | 425.0 | -19.1 | -20.4 | 266.9 | 23.0 | 23.0 | 1.3 | 324.6 | 330.4 | 1.8 | 90.0 | 24.0 | 60. |
| 27.2 | 66.3 | 7524.8 | 400.0 | -22.6 | -23.2 | 268.5 | 21.0 | 20.9 | 2.0 | 325.7 | 330.3 | 1.3 | 86.5 | 25.6 | 62. |
| 28.9 | 70.1 | 7995.0 | 375.0 | -26.6 | -26.5 | 262.4 | 22.3 | 22.1 | 2.0 | 326.5 | 329.8 | 1.0 | 83.7 | 27.5 | 63. |
| 30.7 | 73.9 | 8486.6 | 350.0 | -31.0 | -34.6 | 261.6 | 25.8 | 25.6 | 3.9 | 327.0 | 329.0 | 0.6 | 70.3 | 30.0 | 65. |
| 33.2 | 78.0 | 9012.3 | 325.0 | -34.9 | -42.0 | 257.4 | 31.7 | 30.9 | 6.9 | 328.6 | 329.6 | 0.3 | 47.9 | 34.3 | 67. |
| 35.1 | 82.2 | 9585.0 | 300.0 | -38.5 | -48.5 | 263.6 | 34.0 | 33.9 | 2.6 | 331.0 | 331.7 | 0.2 | 42.2 | 38.0 | 68. |
| 37.2 | 86.2 | 10157.2 | 275.0 | -43.2 | -50.3 | 263.8 | 34.5 | 34.4 | 3.1 | 332.7 | 329.9 | 99.9 | 99.9 | 41.9 | 70. |
| 39.9 | 91.4 | 10753.0 | 250.0 | -47.9 | -54.9 | 264.1 | 39.4 | 39.2 | 4.1 | 334.8 | 329.9 | 99.9 | 99.9 | 46.0 | 72. |
| 42.5 | 96.3 | 11479.4 | 225.0 | -52.9 | -58.9 | 261.8 | 40.5 | 40.1 | 5.8 | 337.4 | 329.9 | 99.9 | 99.9 | 54.3 | 73. |
| 45.6 | 101.9 | 12228.3 | 200.0 | -58.9 | -64.9 | 262.7 | 40.4 | 40.0 | 5.2 | 338.6 | 329.9 | 99.9 | 99.9 | 62.1 | 74. |
| 48.7 | 108.0 | 13053.6 | 175.0 | -61.6 | -68.9 | 260.9 | 50.0 | 49.4 | 7.9 | 348.2 | 329.9 | 99.9 | 99.9 | 66.9 | 75. |
| 52.2 | 114.7 | 14015.1 | 150.0 | -60.4 | -59.9 | 261.1 | 28.9 | 28.5 | 4.9 | 350.0 | 329.9 | 99.9 | 99.9 | 77.7 | 76. |
| 56.7 | 122.1 | 15139.1 | 125.0 | -64.2 | -64.2 | 261.4 | 28.6 | 28.3 | 4.4 | 376.7 | 329.9 | 99.9 | 99.9 | 86.0 | 77. |
| 61.9 | 130.9 | 16457.0 | 100.0 | -67.6 | -69.9 | 262.3 | 28.1 | 27.8 | 3.8 | 397.2 | 329.9 | 99.9 | 99.9 | 93.7 | 77. |
| 68.3 | 140.0 | 18206.0 | 75.0 | -69.3 | -69.9 | 248.3 | 14.9 | 13.8 | 5.5 | 427.7 | 329.9 | 99.9 | 99.9 | 99.1 | 77. |
| 77.5 | 150.0 | 20685.2 | 50.0 | -56.2 | -59.9 | 263.3 | 13.5 | 13.5 | 0.2 | 504.1 | 329.9 | 99.9 | 99.9 | 102.4 | 77. |
| 92.3 | 160.5 | 23126.1 | 25.0 | -51.8 | -59.9 | 333.0 | 4.2 | 2.8 | -5.5 | 636.1 | 329.9 | 99.9 | 99.9 | 104.3 | 76. |

° CY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 255
VICTORIA, YER23 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MR RTO CM/KG | PH PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 4.4 | 23.0 | 1007.4 | 26.8 | 19.7 | 170.0 | 12.8 | -2.2 | 12.6 | 301.3 | 329.8 | 14.5 | 65.2 | 0.0 | 0. |
| 0.1 | 4.8 | 58.3 | 1000.0 | 26.2 | 19.5 | 171.9 | 13.3 | -1.9 | 13.2 | 301.4 | 340.5 | 14.7 | 66.0 | 0.4 | 35.3 |
| 0.7 | 6.7 | 321.6 | 975.0 | 26.1 | 18.9 | 167.4 | 15.1 | -3.1 | 13.8 | 301.3 | 339.1 | 14.2 | 72.2 | 0.7 | 350. |
| 1.4 | 8.8 | 568.9 | 930.0 | 22.3 | 16.8 | 166.1 | 17.3 | -4.7 | 16.6 | 301.5 | 335.9 | 12.8 | 71.3 | 1.4 | 344. |
| 2.2 | 10.6 | 780.8 | 925.0 | 21.4 | 12.3 | 160.3 | 20.7 | 0.1 | 20.7 | 302.6 | 329.2 | 9.8 | 55.9 | 2.2 | 344. |
| 2.8 | 13.1 | 1015.7 | 900.0 | 21.7 | 8.0 | 160.4 | 22.2 | 0.2 | 22.2 | 302.9 | 325.9 | 7.5 | 41.6 | 3.1 | 352. |
| 3.6 | 15.4 | 1263.2 | 875.0 | 21.4 | 3.3 | 175.8 | 19.2 | -0.1 | 15.2 | 302.5 | 325.2 | 6.4 | 35.0 | 4.1 | 354. |
| 4.7 | 17.6 | 1513.3 | 850.0 | 19.4 | 3.7 | 180.2 | 17.0 | 1.2 | 17.0 | 302.3 | 324.1 | 5.9 | 35.3 | 5.0 | 354. |
| 5.4 | 20.0 | 1765.7 | 825.0 | 18.0 | 0.1 | 192.6 | 16.7 | 4.9 | 13.8 | 306.3 | 321.9 | 4.7 | 29.8 | 5.9 | 354. |
| 6.3 | 22.2 | 2032.5 | 800.0 | 15.1 | -13.3 | 215.8 | 12.8 | 7.5 | 10.4 | 311.7 | 317.1 | 1.7 | 10.0 | 6.4 | 1. |
| 7.2 | 24.7 | 2334.3 | 775.0 | 16.3 | -16.1 | 212.4 | 16.2 | 8.7 | 13.7 | 313.7 | 319.2 | 1.4 | 6.3 | 7.1 | 5. |
| 8.2 | 27.0 | 2594.2 | 750.0 | 17.8 | -18.1 | 208.4 | 15.7 | 8.2 | 14.6 | 316.1 | 320.1 | 1.2 | 7.2 | 8.1 | 6. |
| 9.2 | 29.7 | 2872.3 | 725.0 | 15.4 | -24.5 | 208.2 | 15.4 | 7.3 | 13.6 | 316.4 | 319.8 | 0.7 | 4.8 | 9.0 | 10. |
| 10.1 | 32.3 | 3167.9 | 700.0 | 13.6 | -18.2 | 203.8 | 15.0 | 6.1 | 13.8 | 317.7 | 322.0 | 1.3 | 9.3 | 9.7 | 11. |
| 11.1 | 35.0 | 3472.5 | 675.0 | 11.6 | -13.8 | 195.0 | 15.1 | 4.9 | 14.3 | 318.9 | 325.1 | 2.0 | 15.4 | 10.7 | 12. |
| 12.2 | 37.7 | 3745.6 | 650.0 | 9.2 | -11.4 | 201.9 | 15.0 | 5.2 | 12.0 | 315.7 | 327.5 | 2.5 | 22.0 | 11.6 | 13. |
| 13.1 | 40.4 | 4109.9 | 625.0 | 6.2 | -11.2 | 214.7 | 11.2 | 6.1 | 9.4 | 319.9 | 328.1 | 2.6 | 27.5 | 12.3 | 14. |
| 14.3 | 43.3 | 4442.5 | 600.0 | 3.1 | -10.0 | 223.4 | 10.8 | 7.4 | 7.9 | 320.1 | 329.5 | 3.0 | 37.6 | 13.0 | 15. |
| 15.4 | 46.3 | 4785.7 | 575.0 | 0.2 | -8.8 | 226.7 | 9.1 | 8.1 | 7.6 | 320.6 | 331.3 | 3.4 | 51.7 | 13.6 | 16. |
| 16.5 | 49.4 | 5140.2 | 550.0 | -2.9 | -8.6 | 240.2 | 9.6 | 8.3 | 4.8 | 321.1 | 332.4 | 3.6 | 64.8 | 14.2 | 18. |
| 17.8 | 52.3 | 5507.0 | 525.0 | -6.1 | -11.6 | 242.8 | 9.4 | 9.3 | 1.2 | 321.4 | 330.8 | 3.0 | 65.2 | 14.6 | 20. |
| 19.1 | 55.4 | 5886.9 | 500.0 | -8.9 | -16.9 | 263.3 | 11.6 | 11.5 | 1.1 | 322.3 | 326.1 | 1.8 | 45.4 | 15.0 | 23. |
| 20.5 | 58.7 | 6292.4 | 475.0 | -11.4 | -19.9 | 258.8 | 12.4 | 12.0 | 2.8 | 323.9 | 325.9 | 0.6 | 17.5 | 15.5 | 26. |
| 21.9 | 62.1 | 6654.8 | 450.0 | -14.2 | -27.1 | 256.5 | 12.8 | 12.5 | 3.0 | 325.4 | 328.6 | 0.9 | 32.4 | 16.3 | 29. |
| 23.4 | 65.6 | 7127.9 | 425.0 | -17.6 | -35.7 | 252.8 | 15.5 | 15.2 | 3.0 | 326.4 | 327.9 | 0.4 | 18.7 | 17.2 | 32. |
| 24.9 | 69.3 | 7576.1 | 400.0 | -21.6 | -36.5 | 263.7 | 17.4 | 17.4 | 1.3 | 326.9 | 328.4 | 0.4 | 24.5 | 18.1 | 36. |
| 26.5 | 73.0 | 8046.2 | 375.0 | -24.8 | -36.5 | 263.7 | 17.4 | 17.4 | 1.3 | 326.9 | 328.4 | 0.4 | 24.5 | 18.1 | 36. |
| 28.1 | 77.0 | 8547.2 | 350.0 | -27.6 | -47.4 | 265.1 | 24.7 | 24.3 | 4.3 | 331.5 | 332.0 | 0.1 | 13.0 | 21.7 | 44. |
| 29.7 | 80.7 | 9076.0 | 325.0 | -31.7 | -34.6 | 253.9 | 27.5 | 27.1 | 4.8 | 333.0 | 335.2 | 0.6 | 75.3 | 23.2 | 47. |
| 31.9 | 85.1 | 9636.7 | 300.0 | -36.2 | -44.3 | 259.8 | 27.8 | 27.4 | 4.9 | 334.2 | 335.1 | 0.2 | 43.1 | 26.1 | 52. |
| 34.1 | 89.6 | 10234.4 | 275.0 | -40.9 | 99.9 | 260.1 | 29.6 | 29.2 | 5.1 | 335.9 | 335.9 | 99.9 | 95.9 | 29.6 | 54. |
| 36.4 | 94.6 | 10875.5 | 250.0 | -46.2 | 57.9 | 262.2 | 31.9 | 31.6 | 4.3 | 337.4 | 337.4 | 99.9 | 99.9 | 31.4 | 57. |
| 39.0 | 99.6 | 11568.5 | 225.0 | -51.4 | 59.9 | 260.9 | 32.0 | 31.6 | 5.1 | 339.7 | 339.7 | 99.9 | 99.9 | 34.2 | 61. |
| 41.7 | 105.3 | 12322.4 | 200.0 | -57.5 | 99.9 | 258.2 | 31.8 | 31.1 | 4.5 | 341.7 | 339.9 | 99.9 | 99.9 | 43.0 | 63. |
| 44.7 | 111.3 | 13192.4 | 175.0 | -62.7 | 99.9 | 263.2 | 28.8 | 28.7 | 2.4 | 340.5 | 339.9 | 99.9 | 99.9 | 46.7 | 65. |
| 48.7 | 116.3 | 14050.4 | 150.0 | -61.7 | 99.9 | 260.3 | 28.0 | 28.6 | 4.9 | 343.2 | 343.2 | 99.9 | 99.9 | 54.9 | 67. |
| 52.1 | 125.8 | 15216.5 | 125.0 | -66.4 | 99.9 | 259.5 | 26.8 | 26.4 | 4.9 | 347.7 | 347.7 | 99.9 | 99.9 | 61.6 | 68. |
| 57.0 | 134.3 | 16550.8 | 100.0 | -65.8 | 99.9 | 243.7 | 20.9 | 18.7 | 9.3 | 392.8 | 392.8 | 99.9 | 99.9 | 67.6 | 69. |
| 62.9 | 143.0 | 18251.3 | 75.0 | -71.9 | 99.9 | 260.9 | 15.7 | 15.5 | 2.5 | 422.2 | 422.2 | 99.9 | 99.9 | 73.1 | 69. |
| 71.5 | 153.0 | 23732.4 | 50.0 | -60.6 | 99.9 | 216.3 | 4.1 | 2.4 | 3.3 | 500.7 | 500.7 | 99.9 | 99.9 | 75.3 | 70. |
| 84.3 | 163.5 | 29159.4 | 25.0 | -50.2 | 99.9 | 47.5 | 3.7 | -2.7 | -2.5 | 640.5 | 640.5 | 99.9 | 99.9 | 74.1 | 69. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 240
STEPHENVILLE, TEX

21 APRIL 1975

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

140 25. 1

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT Y DG K | E POT Y DG K | MX WTD CM/SEC | RM PCT | RANGE FM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|-------------|----------|
| 7.0 | 10.3 | 355.0 | 962.6 | 26.3 | 19.9 | 150.0 | 6.2 | -3.1 | 5.4 | 304.2 | 345.4 | 15.4 | 68.0 | 0.0 | 0. |
| 8.0 | 9.9 | 96.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 9.0 | 9.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 11.1 | 515.5 | 950.0 | 25.6 | 12.6 | 309.6 | 2.6 | 2.1 | -1.8 | 305.2 | 344.0 | 14.4 | 65.2 | 0.7 | 33. |
| 0.4 | 13.7 | 750.1 | 925.0 | 23.6 | 16.9 | 191.9 | 4.3 | 0.9 | 4.2 | 305.2 | 341.3 | 13.3 | 60.2 | 0.6 | 3.6 |
| 1.7 | 16.3 | 985.4 | 900.0 | 21.8 | 15.6 | 163.7 | 14.5 | 0.9 | 14.5 | 339.6 | 339.6 | 12.5 | 67.9 | 1.1 | 38. |
| 2.4 | 18.6 | 1233.9 | 875.0 | 19.9 | 15.0 | 190.2 | 14.2 | 2.5 | 14.0 | 305.2 | 340.1 | 12.4 | 73.3 | 1.7 | 35. |
| 3.2 | 21.1 | 1483.7 | 850.0 | 18.0 | 14.7 | 194.8 | 15.1 | 4.9 | 14.3 | 304.7 | 341.0 | 12.5 | 81.0 | 2.4 | 0. |
| 4.0 | 23.4 | 1736.3 | 825.0 | 15.7 | 14.4 | 207.2 | 15.6 | 7.1 | 17.8 | 306.9 | 341.5 | 12.7 | 92.4 | 3.1 | 6. |
| 4.9 | 26.1 | 2030.6 | 800.0 | 13.7 | 13.1 | 214.1 | 15.5 | 9.6 | 17.9 | 307.3 | 340.3 | 12.0 | 96.5 | 3.9 | 11. |
| 5.7 | 28.1 | 2258.4 | 775.0 | 12.3 | 11.4 | 219.4 | 15.1 | 9.6 | 11.7 | 310.5 | 339.1 | 11.0 | 94.6 | 4.6 | 13. |
| 6.4 | 32.0 | 2543.3 | 750.0 | 10.4 | 8.8 | 228.4 | 15.8 | 11.8 | 10.5 | 309.2 | 335.9 | 9.5 | 89.5 | 5.2 | 19. |
| 7.6 | 34.9 | 2828.2 | 725.0 | 14.1 | -21.0 | 237.9 | 19.7 | 16.7 | 10.5 | 315.0 | 319.3 | 1.0 | 74.1 | 6.1 | 24. |
| 8.5 | 37.6 | 3122.7 | 700.0 | 12.2 | -25.1 | 243.6 | 20.3 | 17.8 | 9.7 | 316.9 | 317.6 | 0.6 | 5.7 | 8.1 | 3. |
| 9.5 | 40.5 | 3425.4 | 675.0 | 10.0 | -26.5 | 238.3 | 21.0 | 17.8 | 11.0 | 316.9 | 319.0 | 0.6 | 8.1 | 9.3 | 37. |
| 10.4 | 43.4 | 3737.3 | 650.0 | 7.6 | -24.5 | 234.5 | 21.2 | 17.3 | 12.3 | 317.6 | 320.3 | 0.8 | 8.1 | 9.3 | 37. |
| 11.4 | 46.5 | 4058.4 | 625.0 | 4.8 | -16.4 | 234.7 | 20.3 | 16.5 | 11.7 | 316.2 | 323.7 | 1.7 | 26.0 | 10.4 | 37. |
| 12.5 | 49.9 | 4385.3 | 600.0 | 1.7 | -11.5 | 235.9 | 21.7 | 16.0 | 12.2 | 315.4 | 326.6 | 2.4 | 36.9 | 11.7 | 41. |
| 13.5 | 52.4 | 4731.0 | 575.0 | -0.9 | -13.2 | 236.4 | 22.2 | 14.5 | 12.3 | 315.4 | 326.6 | 2.4 | 36.9 | 11.7 | 41. |
| 14.6 | 55.9 | 5083.7 | 550.0 | -3.9 | -22.6 | 234.5 | 22.7 | 14.9 | 12.5 | 317.6 | 323.3 | 1.1 | 21.3 | 14.6 | 44. |
| 15.8 | 59.3 | 5446.8 | 525.0 | -6.9 | -30.4 | 237.8 | 20.8 | 17.6 | 11.1 | 320.2 | 322.2 | 0.6 | 13.7 | 16.1 | 45. |
| 17.1 | 62.3 | 5826.6 | 500.0 | -10.8 | -23.4 | 235.7 | 21.9 | 18.9 | 11.1 | 320.0 | 323.8 | 1.2 | 34.3 | 17.2 | 41. |
| 18.3 | 65.2 | 6218.5 | 475.0 | -14.3 | -22.4 | 244.7 | 21.4 | 19.3 | 9.2 | 320.4 | 324.7 | 1.3 | 50.1 | 19.2 | 41. |
| 19.7 | 68.9 | 6624.0 | 450.0 | -17.6 | -28.3 | 250.7 | 25.3 | 23.9 | 8.4 | 321.1 | 323.9 | 0.8 | 36.8 | 20.9 | 46. |
| 21.0 | 73.5 | 7052.1 | 425.0 | -15.6 | -62.4 | 254.2 | 23.3 | 22.6 | 5.6 | 325.7 | 323.8 | 0.0 | 1.0 | 22.4 | 57. |
| 22.4 | 77.1 | 7499.4 | 400.0 | -22.9 | -64.6 | 253.0 | 23.3 | 22.6 | 7.4 | 328.5 | 325.2 | 0.0 | 1.0 | 24.5 | 57. |
| 23.9 | 81.2 | 7959.3 | 375.0 | -26.1 | -66.6 | 254.4 | 27.0 | 24.0 | 7.3 | 328.5 | 327.1 | 0.0 | 1.0 | 26.9 | 57. |
| 25.4 | 85.4 | 8444.8 | 350.0 | -29.8 | -69.3 | 256.7 | 27.4 | 24.0 | 6.3 | 328.5 | 324.5 | 0.0 | 1.0 | 29.4 | 57. |
| 27.0 | 89.5 | 8949.2 | 325.0 | -33.2 | -71.3 | 257.7 | 31.8 | 31.2 | 6.2 | 330.6 | 330.8 | 0.0 | 1.0 | 32.4 | 57. |
| 28.4 | 94.2 | 9447.3 | 300.0 | -37.2 | -59.3 | 256.0 | 39.3 | 38.1 | 5.5 | 332.9 | 333.0 | 0.0 | 7.7 | 36.2 | 61. |
| 31.3 | 98.5 | 10433.8 | 275.0 | -41.0 | -99.9 | 251.5 | 42.8 | 41.5 | 13.9 | 335.8 | 99.9 | 99.9 | 99.9 | 40.6 | 61. |
| 33.6 | 102.5 | 10785.1 | 250.0 | -46.0 | -99.9 | 247.9 | 46.7 | 41.5 | 17.4 | 337.7 | 99.9 | 99.9 | 99.9 | 46.5 | 61. |
| 36.1 | 109.0 | 11476.7 | 225.0 | -52.0 | -99.9 | 247.7 | 46.7 | 41.5 | 17.4 | 338.8 | 99.9 | 99.9 | 99.9 | 53.4 | 61. |
| 38.9 | 114.8 | 12228.4 | 200.0 | -58.3 | -99.9 | 247.4 | 38.1 | 15 | 14.6 | 340.5 | 99.9 | 99.9 | 99.9 | 60.3 | 61. |
| 41.7 | 120.9 | 13057.1 | 175.0 | -63.0 | -99.9 | 250.0 | 31.0 | 14.3 | 14.3 | 345.9 | 99.9 | 99.9 | 99.9 | 67.4 | 61. |
| 45.3 | 127.5 | 14012.2 | 150.0 | -60.0 | -99.9 | 256.6 | 33.5 | 32.6 | 7.4 | 346.7 | 99.9 | 99.9 | 99.9 | 74.7 | 61. |
| 49.1 | 134.9 | 15147.4 | 125.0 | -60.9 | -99.9 | 253.0 | 34.1 | 32.6 | 10.0 | 348.7 | 99.9 | 99.9 | 99.9 | 83.0 | 61. |
| 53.0 | 142.0 | 16112.5 | 100.0 | -67.2 | -99.9 | 244.4 | 20.1 | 28.0 | 2.0 | 358.0 | 99.9 | 99.9 | 99.9 | 90.2 | 67. |
| 56.8 | 150.5 | 17235.7 | 75.0 | -67.7 | -99.9 | 182.3 | 4.6 | 0.5 | 4.6 | 430.9 | 99.9 | 99.9 | 99.9 | 96.1 | 67. |
| 60.7 | 159.5 | 18451.9 | 50.0 | -57.4 | -99.9 | 69.7 | 17.3 | -2.6 | -2.7 | 508.3 | 99.9 | 99.9 | 99.9 | 99.1 | 67. |
| 64.1 | 169.0 | 19211.0 | 25.0 | -50.8 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 638.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 201
OEL RIO, TEX
23 APRIL 1975
2315 GMT

| TIME MIN | CATCT | WEIGHT GEM | PRES MB | TEMP DEG C | CEM PT DEG C | DIR D | SPEED M/SEC | V COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTD CM/SEC | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|----------|----------------|-----------------|-----------------|----------------|------------------|------------------|-----------|-------------|-----------|
| 0.0 | 8.9 | 314.0 | 969.8 | 32.6 | 18.4 | 140.0 | 9.7 | -3.7 | 4.4 | 310.4 | 348.9 | 13.9 | 43.0 | 0.9 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.7 | 10.7 | 498.6 | 975.0 | 29.0 | 17.0 | 140.6 | 7.2 | -3.9 | 6.0 | 308.4 | 348.3 | 13.0 | 48.5 | 0.3 | 337 |
| 1.5 | 13.0 | 735.6 | 925.0 | 27.0 | 15.3 | 140.3 | 6.6 | -4.2 | 8.1 | 308.7 | 343.6 | 12.6 | 51.6 | 0.7 | 324 |
| 2.2 | 15.4 | 977.4 | 905.0 | 24.7 | 13.3 | 136.1 | 6.4 | -5.8 | 6.0 | 308.6 | 342.6 | 12.3 | 54.2 | 1.0 | 327 |
| 3.1 | 17.8 | 1223.8 | 875.0 | 22.2 | 11.1 | 128.3 | 9.1 | -7.2 | 9.7 | 308.4 | 340.7 | 11.7 | 60.0 | 1.5 | 321 |
| 4.1 | 20.3 | 1475.3 | 850.0 | 19.8 | 12.7 | 126.1 | 9.7 | -7.9 | 9.7 | 308.4 | 338.7 | 10.9 | 63.4 | 2.0 | 317 |
| 5.1 | 22.8 | 1732.6 | 825.0 | 19.0 | 7.7 | 132.5 | 9.2 | -6.6 | 4.2 | 308.8 | 332.7 | 8.1 | 69.0 | 2.5 | 310 |
| 6.0 | 25.4 | 1996.9 | 800.0 | 18.4 | 3.1 | 181.1 | 3.2 | 0.1 | 3.2 | 312.6 | 320.1 | 6.0 | 34.0 | 2.7 | 316 |
| 6.9 | 27.6 | 2269.3 | 775.0 | 18.0 | 0.3 | 248.3 | 6.3 | 5.7 | 3.7 | 313.8 | 320.8 | 5.1 | 30.4 | 2.8 | 311 |
| 8.0 | 30.7 | 2549.0 | 750.0 | 14.9 | -3.2 | 262.7 | 11.0 | 10.9 | 1.4 | 315.5 | 327.7 | 4.0 | 25.1 | 2.5 | 317 |
| 9.0 | 33.4 | 2836.9 | 725.0 | 14.9 | -6.0 | 262.2 | 12.0 | 11.9 | 1.6 | 316.4 | 328.3 | 3.9 | 26.8 | 2.4 | 350 |
| 9.9 | 36.0 | 3132.1 | 700.0 | 12.2 | -9.6 | 258.2 | 11.9 | 11.5 | 2.8 | 316.5 | 327.5 | 3.6 | 28.3 | 2.4 | 7 |
| 11.0 | 38.9 | 3435.5 | 675.0 | 9.5 | -7.7 | 247.8 | 11.9 | 11.0 | 4.5 | 316.7 | 326.6 | 3.2 | 24.8 | 2.8 | 20 |
| 11.8 | 41.5 | 3747.3 | 650.0 | 7.1 | -9.3 | 241.4 | 13.3 | 11.7 | 6.4 | 317.4 | 326.5 | 2.9 | 29.9 | 3.1 | 24 |
| 12.0 | 44.4 | 4068.4 | 625.0 | 4.7 | -12.0 | 237.5 | 14.5 | 12.2 | 7.8 | 318.1 | 325.7 | 2.4 | 29.5 | 4.1 | 34 |
| 14.1 | 47.5 | 4355.3 | 600.0 | 1.8 | -16.7 | 238.3 | 16.0 | 13.6 | 8.4 | 319.5 | 325.0 | 2.0 | 28.1 | 5.1 | 34 |
| 15.4 | 50.5 | 4740.9 | 575.0 | -0.8 | -17.0 | 239.2 | 16.0 | 15.5 | 9.2 | 319.2 | 324.8 | 1.8 | 28.1 | 6.4 | 42 |
| 16.8 | 53.6 | 5094.1 | 550.0 | -3.2 | -19.2 | 238.9 | 18.6 | 16.2 | 9.7 | 320.5 | 325.4 | 1.5 | 27.7 | 7.3 | 46 |
| 18.0 | 56.6 | 5460.3 | 525.0 | -6.2 | -20.0 | 238.0 | 17.2 | 14.7 | 6.6 | 321.1 | 324.6 | 1.0 | 22.9 | 9.2 | 47 |
| 19.3 | 60.0 | 5836.4 | 500.0 | -9.5 | -20.8 | 241.2 | 16.7 | 14.6 | 8.0 | 321.5 | 324.4 | 0.8 | 22.8 | 10.5 | 46 |
| 20.5 | 63.4 | 6233.5 | 475.0 | -12.4 | -30.8 | 248.3 | 18.1 | 16.3 | 7.8 | 322.7 | 324.8 | 0.6 | 19.7 | 11.7 | 51 |
| 21.7 | 66.7 | 6644.1 | 450.0 | -15.5 | -29.0 | 248.8 | 20.8 | 19.2 | 8.2 | 323.8 | 320.4 | 0.8 | 30.3 | 13.0 | 52 |
| 23.1 | 70.3 | 7072.6 | 425.0 | -19.2 | -27.3 | 258.2 | 22.7 | 21.7 | 7.0 | 324.8 | 327.7 | 0.9 | 48.3 | 14.9 | 54 |
| 24.6 | 73.9 | 7520.3 | 400.0 | -22.9 | -32.3 | 258.1 | 23.1 | 22.4 | 5.6 | 325.3 | 327.5 | 0.6 | 41.7 | 16.5 | 57 |
| 26.3 | 77.5 | 7990.4 | 375.0 | -26.3 | -30.5 | 258.1 | 27.5 | 26.7 | 6.6 | 326.8 | 329.6 | 0.8 | 67.4 | 19.2 | 60 |
| 28.1 | 81.7 | 8485.8 | 350.0 | -29.9 | -38.4 | 253.4 | 28.4 | 27.2 | 8.1 | 328.4 | 329.8 | 0.4 | 44.0 | 22.1 | 62 |
| 29.8 | 85.7 | 9009.9 | 325.0 | -33.4 | -43.4 | 253.2 | 32.0 | 30.5 | 9.8 | 330.4 | 331.5 | 0.2 | 35.0 | 25.2 | 63 |
| 31.9 | 90.0 | 9567.4 | 300.0 | -37.4 | -48.5 | 256.5 | 32.6 | 32.9 | 7.1 | 332.6 | 331.2 | 0.1 | 29.8 | 29.1 | 65 |
| 33.9 | 94.8 | 10162.1 | 275.0 | -42.1 | 99.9 | 251.9 | 34.3 | 32.0 | 10.6 | 338.3 | 959.9 | 99.9 | 99.9 | 33.2 | 67 |
| 36.0 | 99.4 | 10800.0 | 250.0 | -47.3 | 99.9 | 249.4 | 36.1 | 33.8 | 12.7 | 335.8 | 959.9 | 99.9 | 99.9 | 37.8 | 67 |
| 38.4 | 104.4 | 11487.9 | 225.0 | -53.0 | 99.9 | 252.4 | 40.6 | 38.7 | 12.3 | 337.3 | 959.9 | 99.9 | 99.9 | 43.2 | 67 |
| 41.1 | 110.2 | 12236.6 | 200.0 | -58.0 | 99.9 | 249.3 | 39.9 | 37.4 | 14.1 | 339.4 | 959.9 | 99.9 | 99.9 | 49.6 | 67 |
| 43.9 | 115.8 | 13064.4 | 175.0 | -63.9 | 99.9 | 258.2 | 36.3 | 35.5 | 7.4 | 340.5 | 959.9 | 99.9 | 99.9 | 56.1 | 68 |
| 47.1 | 122.3 | 14011.5 | 150.0 | -62.8 | 99.9 | 258.1 | 31.0 | 29.5 | 9.5 | 341.8 | 959.9 | 99.9 | 99.9 | 62.2 | 66 |
| 51.0 | 125.7 | 15127.4 | 125.0 | -66.9 | 99.9 | 249.5 | 30.0 | 28.1 | 10.5 | 371.9 | 959.9 | 99.9 | 99.9 | 70.0 | 66 |
| 55.3 | 137.3 | 16468.5 | 100.0 | -68.8 | 99.9 | 239.3 | 18.2 | 15.6 | 9.3 | 390.8 | 959.9 | 99.9 | 99.9 | 75.6 | 66 |
| 60.7 | 145.3 | 19174.1 | 75.0 | -69.4 | 99.9 | 265.5 | 10.0 | 9.9 | 0.8 | 427.4 | 959.9 | 99.9 | 99.9 | 81.7 | 66 |
| 66.6 | 154.5 | 20649.1 | 50.0 | -60.8 | 99.9 | 214.0 | 8.2 | 4.7 | 6.8 | 500.2 | 959.9 | 99.9 | 99.9 | 84.9 | 69 |
| 80.6 | 164.3 | 25072.2 | 25.0 | -63.4 | 99.9 | 165.3 | 2.0 | -0.5 | 2.0 | 631.7 | 959.9 | 99.9 | 99.9 | 85.4 | 68 |

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 9 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 265
MIDLAND, TEX23 APRIL 1978
2315 GMT

| TIME MIN | CATCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | WIND CM/KS | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|---------------|-----------|-------------|----------|
| 0.0 | 12.8 | 873.0 | 908.9 | 31.7 | -1.2 | 280.0 | 9.3 | 8.7 | 3.2 | 313.8 | 325.5 | 3.9 | 12.0 | 0.0 | 0. |
| 0.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.2 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.5 | 13.3 | 961.1 | 900.0 | 30.3 | 8.4 | 249.0 | 10.4 | 9.8 | 3.6 | 313.9 | 336.2 | 7.7 | 26.4 | 0.3 | 86. |
| 1.8 | 15.5 | 1211.5 | 875.0 | 27.5 | 6.1 | 252.4 | 10.4 | 9.9 | 3.1 | 313.4 | 333.0 | 6.8 | 25.5 | 0.4 | 90. |
| 2.1 | 17.8 | 1466.6 | 850.0 | 24.9 | 3.9 | 257.7 | 11.2 | 10.9 | 2.4 | 313.1 | 330.6 | 6.0 | 25.6 | 0.9 | 78. |
| 2.4 | 20.2 | 1726.9 | 825.0 | 22.2 | 1.7 | 252.8 | 10.9 | 10.4 | 3.2 | 312.7 | 328.2 | 5.3 | 25.8 | 1.4 | 77. |
| 2.7 | 22.5 | 1992.7 | 800.0 | 19.7 | 0.2 | 247.3 | 10.5 | 9.6 | 4.0 | 312.6 | 327.2 | 4.9 | 26.9 | 1.9 | 75. |
| 3.0 | 25.0 | 2258.6 | 775.0 | 17.3 | -1.7 | 243.3 | 10.0 | 8.9 | 4.5 | 312.0 | 326.0 | 4.4 | 27.2 | 2.4 | 73. |
| 3.3 | 27.3 | 2524.6 | 750.0 | 14.0 | -4.3 | 238.4 | 11.1 | 9.5 | 5.8 | 312.3 | 323.4 | 3.7 | 27.8 | 3.2 | 70. |
| 3.6 | 30.0 | 2827.0 | 725.0 | 11.3 | -6.5 | 237.8 | 13.6 | 11.5 | 7.2 | 312.2 | 322.1 | 3.3 | 28.2 | 4.3 | 67. |
| 3.9 | 32.8 | 3119.0 | 700.0 | 9.0 | -8.1 | 242.8 | 15.5 | 13.8 | 7.1 | 312.8 | 321.8 | 3.0 | 29.0 | 4.9 | 65. |
| 4.2 | 35.3 | 3418.7 | 675.0 | 6.5 | -10.4 | 245.4 | 18.2 | 16.5 | 7.6 | 312.3 | 321.2 | 2.6 | 28.5 | 5.4 | 63. |
| 4.5 | 37.9 | 3726.8 | 650.0 | 4.4 | -12.8 | 244.5 | 21.4 | 14.3 | 9.2 | 312.2 | 321.0 | 2.2 | 27.2 | 6.7 | 60. |
| 4.8 | 40.6 | 4035.0 | 625.0 | 2.4 | -15.4 | 243.3 | 24.6 | 22.0 | 11.1 | 312.4 | 321.2 | 1.8 | 25.5 | 7.7 | 58. |
| 5.1 | 43.4 | 4374.4 | 600.0 | 1.4 | -16.3 | 243.0 | 28.6 | 22.8 | 11.6 | 312.9 | 321.6 | 1.8 | 25.2 | 9.0 | 55. |
| 5.4 | 46.4 | 4715.6 | 575.0 | -1.1 | -18.4 | 247.9 | 22.9 | 21.2 | 8.6 | 318.9 | 323.9 | 1.6 | 25.3 | 10.5 | 53. |
| 5.7 | 49.3 | 5058.5 | 550.0 | -3.8 | -20.7 | 259.3 | 22.4 | 22.0 | 4.1 | 316.7 | 324.0 | 1.3 | 25.5 | 12.0 | 50. |
| 6.0 | 52.4 | 5434.1 | 525.0 | -6.2 | -22.7 | 261.1 | 24.3 | 25.0 | 3.8 | 321.1 | 325.0 | 1.2 | 25.6 | 13.8 | 48. |
| 6.3 | 55.6 | 5813.5 | 500.0 | -9.5 | -25.5 | 261.8 | 24.2 | 26.3 | 3.5 | 321.5 | 324.7 | 1.0 | 25.7 | 15.9 | 45. |
| 6.6 | 58.9 | 6206.7 | 475.0 | -13.5 | -28.9 | 262.5 | 26.5 | 26.3 | 3.5 | 321.3 | 323.9 | 0.7 | 25.9 | 18.2 | 42. |
| 6.9 | 62.1 | 6615.1 | 450.0 | -16.9 | -31.8 | 252.2 | 28.5 | 27.2 | 4.7 | 324.0 | 324.0 | 0.6 | 26.0 | 20.5 | 40. |
| 7.2 | 65.6 | 7024.4 | 425.0 | -19.7 | -34.1 | 249.5 | 30.6 | 28.7 | 10.7 | 323.8 | 325.5 | 0.5 | 26.1 | 22.9 | 37. |
| 7.5 | 69.1 | 7439.2 | 400.0 | -23.2 | -37.1 | 249.8 | 32.5 | 30.5 | 11.2 | 328.9 | 328.2 | 0.4 | 26.3 | 25.9 | 34. |
| 7.8 | 72.7 | 7858.4 | 375.0 | -26.8 | -40.3 | 251.9 | 30.7 | 29.2 | 9.6 | 328.0 | 327.1 | 0.3 | 26.4 | 29.4 | 31. |
| 8.1 | 76.7 | 8432.2 | 350.0 | -30.9 | -43.8 | 253.1 | 32.6 | 31.2 | 5.3 | 327.1 | 327.9 | 0.2 | 26.6 | 32.9 | 28. |
| 8.4 | 80.4 | 8573.9 | 325.0 | -35.0 | -47.4 | 251.6 | 29.7 | 28.2 | 9.4 | 328.4 | 329.0 | 0.2 | 26.8 | 36.3 | 25. |
| 8.7 | 84.7 | 9226.2 | 300.0 | -40.3 | -50.9 | 250.9 | 29.1 | 27.5 | 9.5 | 328.5 | 329.9 | 99.9 | 99.9 | 39.7 | 22. |
| 9.0 | 89.0 | 10112.2 | 275.0 | -45.0 | -54.9 | 251.9 | 36.8 | 34.9 | 11.5 | 330.0 | 329.9 | 99.9 | 99.9 | 43.7 | 19. |
| 9.3 | 94.0 | 10745.4 | 250.0 | -48.5 | -58.9 | 250.1 | 39.1 | 36.7 | 13.3 | 333.9 | 329.9 | 99.9 | 99.9 | 49.3 | 16. |
| 9.6 | 99.3 | 11430.2 | 225.0 | -53.8 | -63.9 | 249.8 | 44.9 | 42.1 | 15.5 | 338.1 | 329.9 | 99.9 | 99.9 | 55.1 | 13. |
| 9.9 | 104.3 | 12178.1 | 200.0 | -58.8 | -68.9 | 250.0 | 43.4 | 40.8 | 14.8 | 338.7 | 329.9 | 99.9 | 99.9 | 61.8 | 10. |
| 10.2 | 110.2 | 13015.0 | 175.0 | -64.7 | -74.9 | 250.1 | 38.7 | 35.4 | 13.2 | 351.4 | 329.9 | 99.9 | 99.9 | 68.3 | 7. |
| 10.5 | 116.7 | 13975.9 | 150.0 | -69.7 | -80.9 | 249.3 | 34.3 | 31.4 | 13.6 | 365.6 | 329.9 | 99.9 | 99.9 | 75.3 | 4. |
| 10.8 | 124.3 | 15104.6 | 125.0 | -74.4 | -86.9 | 250.5 | 37.5 | 35.4 | 12.6 | 378.4 | 329.9 | 99.9 | 99.9 | 83.1 | 1. |
| 11.1 | 132.3 | 16459.6 | 100.0 | -79.3 | -92.9 | 251.7 | 30.5 | 30.5 | 3.3 | 401.6 | 329.9 | 99.9 | 99.9 | 92.9 | 71. |
| 11.4 | 141.0 | 18273.8 | 75.0 | -85.4 | -99.9 | 250.7 | 9.8 | 9.3 | 3.3 | 436.9 | 329.9 | 99.9 | 99.9 | 97.7 | 71. |
| 11.7 | 150.5 | 20750.3 | 50.0 | -85.7 | -99.9 | 242.6 | 4.9 | 4.4 | 2.3 | 512.4 | 329.9 | 99.9 | 99.9 | 101.9 | 71. |
| 12.0 | 160.5 | 25164.3 | 25.0 | -91.1 | -99.9 | 86.6 | 2.5 | -2.3 | -1.0 | 630.1 | 329.9 | 99.9 | 99.9 | 103.2 | 70. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 304
MATTERAS, NC23 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DEG C | CEM PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MR RTO GM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 3.6 | 4.0 | 1025.5 | 19.7 | 19.5 | 250.0 | 5.2 | 4.9 | 1.8 | 292.1 | 318.6 | 10.2 | 72.0 | 0.0 | 0. |
| 0.8 | 5.8 | 220.2 | 1300.0 | 18.0 | 11.3 | 222.3 | 13.5 | 9.1 | 10.0 | 292.3 | 314.6 | 8.5 | 84.9 | 0.6 | 41. |
| 1.6 | 8.0 | 436.6 | 975.0 | 16.2 | 10.4 | 216.3 | 15.1 | 9.5 | 11.7 | 292.6 | 314.1 | 8.2 | 84.3 | 1.2 | 41. |
| 2.4 | 10.2 | 657.3 | 950.0 | 14.3 | 10.0 | 210.0 | 15.0 | 9.0 | 12.0 | 292.8 | 314.2 | 8.1 | 75.2 | 1.9 | 40. |
| 3.1 | 12.3 | 882.2 | 925.0 | 12.3 | 10.5 | 217.7 | 15.2 | 9.3 | 12.0 | 293.0 | 315.8 | 8.7 | 69.2 | 2.6 | 39. |
| 3.8 | 14.6 | 1111.5 | 900.0 | 10.0 | 9.3 | 216.9 | 15.9 | 9.6 | 12.0 | 292.9 | 314.6 | 8.2 | 95.2 | 3.3 | 39. |
| 4.5 | 16.7 | 1342.6 | 875.0 | 7.8 | 6.0 | 217.9 | 14.3 | 8.8 | 11.3 | 292.7 | 310.7 | 6.8 | 88.5 | 3.9 | 39. |
| 5.4 | 19.1 | 1583.6 | 850.0 | 5.4 | -7.2 | 231.7 | 12.8 | 10.0 | 7.9 | 292.1 | 299.5 | 2.6 | 39.8 | 4.6 | 39. |
| 6.2 | 21.3 | 1824.9 | 825.0 | 7.0 | -12.4 | 243.4 | 11.5 | 10.3 | 5.1 | 290.3 | 301.5 | 1.8 | 23.5 | 5.2 | 41. |
| 7.1 | 23.7 | 2080.9 | 800.0 | 5.1 | -9.3 | 248.4 | 8.2 | 7.7 | 3.0 | 290.9 | 303.7 | 2.4 | 34.6 | 5.6 | 43. |
| 8.0 | 26.0 | 2338.6 | 775.0 | 3.1 | -7.0 | 262.2 | 7.3 | 7.2 | 1.0 | 290.5 | 305.9 | 2.9 | 47.4 | 6.0 | 45. |
| 9.0 | 28.6 | 2604.0 | 750.0 | 1.4 | -7.3 | 288.9 | 5.9 | 5.6 | -1.9 | 290.5 | 307.0 | 2.9 | 52.0 | 6.3 | 49. |
| 10.9 | 31.1 | 2876.2 | 725.0 | 0.1 | -10.2 | 295.7 | 3.9 | 3.5 | -1.7 | 290.7 | 303.7 | 1.3 | 25.3 | 6.4 | 51. |
| 11.0 | 33.7 | 3157.1 | 700.0 | -0.7 | -39.0 | 279.3 | 3.2 | 3.2 | -0.5 | 301.7 | 302.4 | 0.2 | 4.0 | 6.4 | 52. |
| 12.8 | 36.2 | 3446.6 | 675.0 | -1.9 | -51.1 | 256.7 | 4.9 | 4.8 | 1.0 | 303.5 | 303.7 | 0.0 | 1.0 | 6.4 | 53. |
| 13.7 | 38.9 | 3745.5 | 650.0 | -3.1 | -37.2 | 262.3 | 7.2 | 7.2 | 1.0 | 305.4 | 306.3 | 0.3 | 5.4 | 6.9 | 54. |
| 14.7 | 41.5 | 4055.4 | 625.0 | -4.3 | -37.7 | 263.5 | 8.7 | 8.7 | 1.0 | 307.5 | 308.7 | 0.4 | 7.9 | 7.4 | 54. |
| 15.8 | 44.3 | 4375.5 | 600.0 | -6.7 | -38.2 | 270.5 | 10.0 | 10.0 | -0.1 | 308.4 | 309.5 | 0.3 | 8.2 | 7.9 | 58. |
| 16.9 | 47.2 | 4706.7 | 575.0 | -8.2 | -38.2 | 276.6 | 13.6 | 13.3 | -1.5 | 310.3 | 311.4 | 0.3 | 8.3 | 8.4 | 61. |
| 18.2 | 50.2 | 5055.3 | 550.0 | -10.4 | -38.2 | 281.4 | 14.6 | 14.3 | -2.9 | 311.7 | 312.9 | 0.3 | 10.9 | 9.2 | 61. |
| 19.6 | 53.1 | 5467.0 | 525.0 | -12.9 | -37.1 | 276.2 | 14.7 | 14.5 | -2.4 | 312.9 | 313.9 | 0.3 | 11.0 | 10.2 | 64. |
| 20.9 | 56.0 | 5777.2 | 500.0 | -15.2 | -31.7 | 276.1 | 15.0 | 14.9 | -1.6 | 314.6 | 315.4 | 0.5 | 22.7 | 11.3 | 71. |
| 22.3 | 59.4 | 6133.0 | 475.0 | -17.9 | -27.5 | 282.3 | 15.7 | 15.3 | -3.3 | 315.9 | 316.7 | 0.8 | 42.7 | 12.3 | 72. |
| 23.6 | 62.0 | 6566.3 | 450.0 | -19.0 | -37.4 | 286.2 | 18.2 | 17.5 | -5.1 | 319.4 | 320.6 | 0.3 | 18.0 | 13.5 | 77. |
| 24.3 | 65.6 | 6989.3 | 425.0 | -22.6 | -31.9 | 293.0 | 17.7 | 16.3 | -6.9 | 320.0 | 323.1 | 0.6 | 42.4 | 14.8 | 80. |
| 26.2 | 73.0 | 7432.2 | 400.0 | -24.9 | -28.4 | 306.6 | 21.9 | 17.6 | -13.0 | 323.6 | 325.7 | 0.9 | 72.6 | 15.9 | 83. |
| 27.7 | 76.8 | 7898.5 | 375.0 | -28.5 | -32.6 | 308.0 | 28.0 | 22.5 | -18.7 | 323.9 | 328.2 | 0.7 | 67.6 | 17.4 | 85. |
| 29.3 | 80.8 | 8389.0 | 350.0 | -32.3 | -38.8 | 312.0 | 31.1 | 23.1 | -20.8 | 325.2 | 328.5 | 0.4 | 51.9 | 19.5 | 93. |
| 31.0 | 85.0 | 8906.6 | 325.0 | -37.1 | -42.9 | 313.9 | 30.3 | 22.0 | -20.8 | 325.5 | 328.5 | 0.3 | 54.2 | 22.0 | 94. |
| 32.9 | 89.2 | 9454.3 | 300.0 | -41.8 | 99.9 | 317.2 | 25.9 | 17.6 | -19.0 | 325.4 | 329.9 | 99.9 | 99.9 | 24.2 | 102. |
| 34.9 | 94.0 | 10036.6 | 275.0 | -47.5 | 99.9 | 314.1 | 25.0 | 18.0 | -17.4 | 324.5 | 329.9 | 99.9 | 99.9 | 26.3 | 104. |
| 37.0 | 98.8 | 10659.1 | 250.0 | -53.2 | 99.9 | 315.2 | 26.9 | 20.0 | -19.1 | 327.0 | 329.9 | 99.9 | 99.9 | 29.3 | 104. |
| 39.4 | 104.0 | 11256.1 | 200.0 | -63.7 | 99.9 | 310.6 | 37.3 | 28.3 | -20.6 | 327.6 | 329.9 | 99.9 | 99.9 | 32.5 | 111. |
| 41.9 | 110.0 | 11874.4 | 175.0 | -63.5 | 99.9 | 316.4 | 32.7 | 22.5 | -20.3 | 331.9 | 329.9 | 99.9 | 99.9 | 36.6 | 114. |
| 44.9 | 116.3 | 12625.5 | 150.0 | -62.0 | 99.9 | 302.5 | 34.9 | 20.4 | -23.7 | 343.1 | 329.9 | 99.9 | 99.9 | 42.2 | 117. |
| 48.7 | 123.3 | 13611.4 | 125.0 | -60.9 | 99.9 | 311.6 | 40.0 | 29.9 | -24.5 | 384.7 | 329.9 | 99.9 | 99.9 | 47.6 | 119. |
| 52.6 | 130.3 | 14339.3 | 100.0 | -65.5 | 99.9 | 327.4 | 25.2 | 13.6 | -21.3 | 401.1 | 329.9 | 99.9 | 99.9 | 55.4 | 120. |
| 58.1 | 139.3 | 16079.3 | 75.0 | -65.6 | 99.9 | 352.2 | 7.1 | 0.2 | -7.1 | 435.3 | 329.9 | 99.9 | 99.9 | 63.7 | 121. |
| 65.9 | 147.7 | 20589.7 | 50.0 | -55.3 | 99.9 | 319.5 | 10.1 | 6.5 | -7.6 | 503.8 | 329.9 | 99.9 | 99.9 | 71.0 | 124. |
| 77.9 | 156.3 | 25023.6 | 25.0 | -52.0 | 99.9 | 353.0 | 1.0 | 0.1 | -1.0 | 635.7 | 329.9 | 99.9 | 99.9 | 74.9 | 125. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 311
ATHENS, GA23 APRIL 1975
2315 GMT

| TIME MIN | CATCT | WEIGHT GFM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT Y DEG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 0.0 | 246.0 | 992.9 | 23.3 | 15.0 | 190.0 | 5.7 | 1.0 | 5.6 | 298.6 | 328.7 | 11.3 | 62.0 | 0.0 | 0. |
| 0.9 | 5.3 | 59.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 1.0 | 8.2 | 404.3 | 975.0 | 21.6 | 12.9 | 178.0 | 8.7 | -0.2 | 8.7 | 298.2 | 324.0 | 9.6 | 57.5 | 0.3 | 1. |
| 1.1 | 10.4 | 625.4 | 950.0 | 19.9 | 12.3 | 164.5 | 9.4 | 0.7 | 9.4 | 298.6 | 324.3 | 9.6 | 61.9 | 0.6 | 1. |
| 2.0 | 12.5 | 658.7 | 925.0 | 17.5 | 12.0 | 191.0 | 9.1 | 1.7 | 8.9 | 298.5 | 324.2 | 9.6 | 70.3 | 1.1 | 4. |
| 2.7 | 16.8 | 1092.3 | 900.0 | 15.3 | 11.4 | 155.7 | 6.7 | 2.4 | 8.4 | 298.6 | 323.9 | 9.5 | 77.3 | 1.5 | 7. |
| 3.7 | 18.9 | 1330.8 | 875.0 | 13.1 | 9.2 | 201.3 | 11.3 | 4.1 | 10.5 | 298.6 | 321.3 | 8.4 | 77.2 | 2.0 | 10. |
| 4.6 | 19.3 | 1574.4 | 850.0 | 11.2 | 8.2 | 206.1 | 14.6 | 6.9 | 13.1 | 298.9 | 320.9 | 8.1 | 82.0 | 2.7 | 13. |
| 5.4 | 21.5 | 1823.7 | 825.0 | 9.3 | 7.8 | 213.0 | 12.7 | 6.9 | 10.7 | 299.5 | 321.5 | 8.1 | 89.8 | 3.4 | 17. |
| 6.5 | 23.9 | 2077.9 | 800.0 | 6.5 | 5.5 | 213.8 | 12.8 | 7.1 | 10.6 | 299.0 | 319.4 | 7.1 | 93.2 | 4.1 | 20. |
| 7.4 | 26.1 | 2236.3 | 775.0 | 5.1 | 4.1 | 217.2 | 13.3 | 8.3 | 10.4 | 300.2 | 318.6 | 6.7 | 93.1 | 4.8 | 22. |
| 8.3 | 28.7 | 2604.8 | 750.0 | 2.4 | 1.5 | 227.2 | 13.9 | 10.2 | 9.5 | 300.0 | 315.8 | 5.7 | 93.8 | 5.5 | 25. |
| 9.1 | 31.2 | 2877.9 | 725.0 | -0.9 | -19.8 | 239.0 | 13.8 | 11.9 | 7.1 | 298.7 | 303.8 | 1.8 | 36.2 | 6.0 | 27. |
| 9.9 | 33.5 | 3155.7 | 700.0 | 1.8 | -28.8 | 261.2 | 13.7 | 13.6 | 2.1 | 304.5 | 306.2 | 0.5 | 8.6 | 6.7 | 32. |
| 11.0 | 36.3 | 3452.4 | 675.0 | 0.1 | -5.6 | 278.5 | 15.3 | 15.2 | -2.3 | 306.3 | 317.4 | 3.8 | 68.4 | 7.1 | 39. |
| 12.3 | 39.0 | 3753.0 | 650.0 | -1.6 | -2.2 | 283.6 | 16.1 | 15.6 | -3.8 | 307.8 | 322.3 | 5.0 | 95.2 | 7.8 | 47. |
| 13.5 | 41.6 | 4066.1 | 625.0 | -2.9 | -4.0 | 286.8 | 15.0 | 14.3 | -4.3 | 309.7 | 323.1 | 4.6 | 91.9 | 8.4 | 53. |
| 14.7 | 44.4 | 4389.1 | 600.0 | -4.3 | -6.6 | 286.2 | 15.3 | 14.7 | -4.3 | 311.6 | 323.2 | 3.9 | 83.9 | 9.0 | 59. |
| 15.7 | 47.3 | 4724.5 | 575.0 | -5.5 | -10.4 | 280.3 | 15.4 | 15.2 | -2.9 | 313.9 | 323.1 | 3.0 | 68.3 | 9.6 | 63. |
| 16.9 | 50.2 | 5071.8 | 550.0 | -6.0 | -12.3 | 270.1 | 15.1 | 15.1 | -0.0 | 314.5 | 323.2 | 2.7 | 71.5 | 10.7 | 66. |
| 18.1 | 53.1 | 5322.0 | 525.0 | -10.4 | -12.6 | 276.4 | 14.2 | 14.1 | -1.6 | 316.2 | 324.8 | 2.8 | 83.6 | 11.7 | 68. |
| 19.4 | 55.9 | 5607.9 | 500.0 | -11.4 | -14.6 | 283.3 | 13.4 | 13.0 | -3.1 | 319.4 | 327.1 | 2.5 | 77.1 | 12.7 | 71. |
| 20.8 | 59.1 | 6199.5 | 475.0 | -14.1 | -17.9 | 282.7 | 15.5 | 15.1 | -3.4 | 320.7 | 327.1 | 2.0 | 72.6 | 13.6 | 73. |
| 22.2 | 62.4 | 6608.3 | 450.3 | -16.6 | -20.4 | 285.8 | 14.5 | 17.4 | -5.0 | 322.5 | 328.0 | 1.7 | 72.3 | 14.8 | 76. |
| 23.6 | 65.8 | 7035.7 | 425.0 | -19.5 | -22.7 | 276.7 | 17.1 | 16.9 | -2.6 | 324.0 | 328.8 | 1.4 | 75.7 | 16.2 | 79. |
| 25.2 | 69.1 | 7483.8 | 400.0 | -22.4 | -25.9 | 274.1 | 16.8 | 16.8 | -1.4 | 326.0 | 329.9 | 1.2 | 73.1 | 17.7 | 80. |
| 26.7 | 72.6 | 7954.8 | 375.0 | -24.7 | -30.0 | 263.1 | 23.4 | 22.8 | -5.3 | 326.8 | 329.7 | 0.8 | 70.4 | 19.6 | 82. |
| 28.3 | 76.3 | 8430.2 | 350.0 | -27.1 | -34.0 | 284.3 | 25.2 | 24.4 | -6.2 | 322.5 | 330.6 | 0.6 | 66.6 | 21.9 | 84. |
| 30.0 | 80.1 | 8973.9 | 325.0 | -34.1 | -38.8 | 280.6 | 24.4 | 24.0 | -4.5 | 329.6 | 331.1 | 0.4 | 61.7 | 25.2 | 86. |
| 31.8 | 84.2 | 9528.4 | 300.0 | -39.0 | 99.9 | 277.1 | 21.8 | 23.7 | -3.3 | 330.3 | 999.9 | 99.9 | 999.9 | 26.7 | 87. |
| 33.8 | 88.3 | 10118.2 | 275.0 | -44.7 | 99.9 | 275.3 | 26.6 | 26.3 | -4.3 | 330.5 | 999.9 | 99.9 | 999.9 | 29.7 | 88. |
| 36.0 | 92.9 | 10758.1 | 250.0 | -50.2 | 99.9 | 283.4 | 30.1 | 29.3 | -7.0 | 331.4 | 999.9 | 99.9 | 999.9 | 33.4 | 90. |
| 38.2 | 97.4 | 11427.2 | 225.0 | -55.6 | 99.9 | 290.1 | 32.3 | 30.3 | -11.1 | 333.3 | 999.9 | 99.9 | 999.9 | 37.5 | 91. |
| 41.0 | 102.4 | 12171.1 | 200.0 | -59.3 | 99.9 | 296.2 | 37.1 | 33.3 | -16.4 | 338.8 | 999.9 | 99.9 | 999.9 | 43.3 | 95. |
| 43.9 | 107.0 | 12937.9 | 175.0 | -63.2 | 99.9 | 295.2 | 31.3 | 28.3 | -13.3 | 345.7 | 999.9 | 99.9 | 999.9 | 49.7 | 97. |
| 47.6 | 114.0 | 13955.3 | 150.0 | -64.7 | 99.9 | 286.1 | 33.9 | 32.6 | -9.4 | 369.0 | 999.9 | 99.9 | 999.9 | 56.1 | 99. |
| 51.5 | 120.5 | 15096.8 | 125.0 | -63.0 | 99.9 | 284.5 | 28.8 | 27.9 | -7.2 | 369.9 | 999.9 | 99.9 | 999.9 | 63.5 | 100. |
| 55.7 | 127.8 | 16482.4 | 100.0 | -66.4 | 99.9 | 303.8 | 14.4 | 12.0 | -8.0 | 432.2 | 999.9 | 99.9 | 999.9 | 69.1 | 101. |
| 61.7 | 136.0 | 18168.4 | 75.0 | -67.1 | 99.9 | 306.3 | 10.0 | 8.1 | -5.9 | 432.2 | 999.9 | 99.9 | 999.9 | 74.5 | 102. |
| 69.9 | 143.7 | 20552.2 | 50.0 | -62.2 | 99.9 | 16.5 | 3.0 | -0.4 | -2.8 | 467.0 | 999.9 | 99.9 | 999.9 | 77.0 | 103. |
| 84.8 | 152.3 | 25058.0 | 25.0 | -52.8 | 99.9 | 323.9 | 7.3 | 4.3 | -5.9 | 633.2 | 999.9 | 99.9 | 999.9 | 80.0 | 104. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 317
GREENSBORO, NC

23 APRIL 1975
2315 GMT

| TIME MIN | CNCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT CG C | DIR CG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX WTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0-0 | 7-2 | 275-0 | 989-6 | 22-8 | 11-8 | 200-0 | 7-7 | 2-6 | 7-2 | 298-0 | 321-8 | 8-9 | 50-0 | 0-0 | 0 |
| 0-3 | 6-3 | 59-9 | 1000-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 |
| 0-6 | 6-6 | 404-2 | 975-0 | 21-4 | 6-5 | 208-2 | 11-5 | 5-4 | 10-2 | 297-5 | 314-6 | 6-2 | 30-1 | 0-3 | 25 |
| 1-2 | 16-8 | 628-3 | 950-0 | 19-5 | 6-2 | 209-5 | 12-9 | 6-4 | 11-3 | 297-8 | 315-0 | 6-3 | 41-0 | 0-8 | 27 |
| 2-0 | 13-3 | 857-0 | 925-0 | 17-4 | 5-7 | 213-3 | 14-2 | 7-8 | 11-9 | 298-0 | 315-0 | 6-2 | 46-1 | 1-5 | 29 |
| 2-9 | 15-7 | 1000-1 | 900-0 | 14-9 | 6-1 | 213-3 | 16-0 | 8-8 | 13-4 | 297-7 | 315-5 | 6-6 | 55-8 | 2-2 | 30 |
| 3-5 | 18-1 | 1327-0 | 875-0 | 12-7 | 5-5 | 214-4 | 16-7 | 9-5 | 13-8 | 297-8 | 315-5 | 6-5 | 61-4 | 2-9 | 31 |
| 4-3 | 20-5 | 1576-5 | 850-0 | 10-4 | 4-9 | 214-4 | 16-8 | 10-8 | 12-9 | 297-9 | 315-5 | 6-4 | 66-7 | 3-7 | 32 |
| 5-2 | 23-1 | 1818-2 | 825-0 | 8-0 | 3-4 | 224-2 | 17-6 | 12-3 | 12-6 | 297-9 | 314-2 | 5-9 | 72-5 | 4-6 | 34 |
| 6-0 | 25-6 | 2071-7 | 800-0 | 5-9 | 2-0 | 224-6 | 18-6 | 13-5 | 12-9 | 298-2 | 313-5 | 5-6 | 78-1 | 5-5 | 36 |
| 7-0 | 28-2 | 2331-2 | 775-0 | 4-2 | 0-7 | 236-7 | 17-8 | 14-9 | 9-8 | 298-9 | 313-4 | 5-2 | 77-9 | 6-4 | 39 |
| 7-9 | 30-9 | 2598-0 | 750-0 | 4-8 | -12-0 | 242-8 | 17-9 | 15-9 | 8-2 | 302-1 | 309-3 | 2-1 | 29-6 | 7-3 | 41 |
| 8-7 | 33-7 | 2874-3 | 725-0 | 4-1 | -14-2 | 241-4 | 17-7 | 15-6 | 8-5 | 304-2 | 309-5 | 1-8 | 24-8 | 8-2 | 44 |
| 9-5 | 36-3 | 3159-3 | 700-0 | 1-9 | -15-8 | 237-8 | 17-3 | 16-6 | 9-2 | 304-8 | 309-8 | 1-6 | 23-9 | 9-0 | 45 |
| 10-4 | 38-3 | 3450-4 | 675-0 | -0-2 | -17-9 | 240-9 | 16-8 | 14-7 | 8-2 | 305-5 | 309-8 | 1-4 | 24-8 | 9-9 | 46 |
| 11-3 | 42-0 | 3750-9 | 650-0 | -2-7 | -21-0 | 249-7 | 17-3 | 16-3 | 6-0 | 306-0 | 309-4 | 1-1 | 22-9 | 10-7 | 48 |
| 12-2 | 45-0 | 4060-3 | 625-0 | -4-9 | -28-8 | 255-8 | 17-9 | 17-4 | 4-4 | 306-9 | 308-7 | 0-6 | 13-3 | 11-7 | 50 |
| 13-2 | 48-1 | 4360-1 | 600-0 | -6-8 | -36-3 | 264-7 | 17-2 | 17-1 | 1-6 | 308-2 | 309-2 | 0-3 | 7-4 | 12-6 | 52 |
| 14-3 | 51-1 | 4711-2 | 575-0 | -7-9 | -45-9 | 269-2 | 19-0 | 19-0 | 0-3 | 310-9 | 316-5 | 1-8 | 48-9 | 13-6 | 55 |
| 15-7 | 54-4 | 5037-5 | 550-0 | -8-1 | -57-2 | 281-4 | 23-7 | 23-3 | -4-7 | 314-9 | 325-8 | 3-6 | 95-4 | 15-0 | 60 |
| 16-7 | 57-5 | 5418-1 | 525-0 | -10-2 | -11-1 | 287-1 | 25-6 | 24-4 | -7-5 | 316-6 | 326-2 | 3-1 | 92-8 | 16-1 | 52 |
| 17-8 | 60-9 | 5792-3 | 500-0 | -13-3 | -13-6 | 292-6 | 25-1 | 23-2 | -6-7 | 317-2 | 325-5 | 2-7 | 97-5 | 17-2 | 67 |
| 18-8 | 64-5 | 6185-1 | 475-0 | -15-5 | -15-7 | 293-5 | 25-4 | 23-3 | -10-1 | 319-0 | 326-5 | 2-4 | 98-7 | 18-4 | 71 |
| 20-0 | 67-9 | 6568-9 | 450-0 | -17-9 | -18-3 | 293-9 | 24-5 | 22-4 | -9-9 | 320-9 | 327-3 | 2-0 | 98-4 | 19-7 | 74 |
| 21-3 | 71-4 | 7016-1 | 425-0 | -20-9 | -24-6 | 286-1 | 25-8 | 24-8 | -7-1 | 322-3 | 326-5 | 1-2 | 72-9 | 21-2 | 77 |
| 22-6 | 75-3 | 7459-3 | 400-0 | -24-2 | -30-6 | 281-0 | 24-5 | 24-1 | -4-7 | 323-6 | 326-2 | 0-7 | 55-2 | 23-3 | 80 |
| 24-0 | 78-5 | 7927-1 | 375-0 | -27-4 | -30-8 | 282-4 | 19-0 | 18-6 | -4-1 | 325-4 | 328-1 | 0-8 | 72-4 | 24-8 | 81 |
| 25-1 | 83-4 | 8420-5 | 350-0 | -31-1 | -35-6 | 276-9 | 21-7 | 21-5 | -2-6 | 326-8 | 328-6 | 0-5 | 64-4 | 26-3 | 82 |
| 26-6 | 87-6 | 8901-5 | 325-0 | -35-5 | -39-3 | 274-2 | 23-1 | 23-3 | -1-7 | 327-8 | 329-2 | 0-4 | 67-5 | 28-0 | 83 |
| 28-0 | 92-2 | 9493-5 | 300-0 | -40-2 | -45-9 | 281-1 | 20-7 | 20-3 | -4-0 | 328-6 | 329-9 | 99-9 | 99-9 | 30-1 | 85 |
| 29-6 | 96-8 | 10079-8 | 275-0 | -45-6 | -51-9 | 283-4 | 27-2 | 26-4 | -6-3 | 329-2 | 329-9 | 99-9 | 99-9 | 32-1 | 86 |
| 31-3 | 101-8 | 10777-9 | 250-0 | -50-8 | -58-9 | 283-1 | 28-7 | 28-0 | -6-5 | 330-6 | 329-9 | 99-9 | 99-9 | 34-7 | 87 |
| 33-0 | 107-4 | 11364-1 | 225-0 | -57-0 | -64-9 | 272-6 | 30-4 | 30-4 | -1-4 | 331-1 | 329-9 | 99-9 | 99-9 | 37-5 | 88 |
| 34-8 | 113-0 | 12119-7 | 200-0 | -61-8 | -69-9 | 288-3 | 34-1 | 32-4 | -10-7 | 334-5 | 329-9 | 99-9 | 99-9 | 41-2 | 89 |
| 37-0 | 119-3 | 12942-2 | 175-0 | -64-1 | -74-9 | 295-0 | 35-6 | 32-1 | -15-1 | 334-2 | 329-9 | 99-9 | 99-9 | 45-2 | 91 |
| 39-6 | 126-0 | 13902-9 | 150-0 | -57-5 | -69-9 | 258-8 | 39-2 | 34-4 | -18-9 | 371-1 | 329-9 | 99-9 | 99-9 | 50-4 | 94 |
| 43-1 | 133-7 | 15049-3 | 125-0 | -60-9 | -69-9 | 306-5 | 31-3 | 25-2 | -18-6 | 336-8 | 329-9 | 99-9 | 99-9 | 57-5 | 98 |
| 47-6 | 141-3 | 16406-7 | 100-0 | -65-3 | -69-9 | 293-0 | 28-9 | 26-0 | -11-3 | 353-9 | 329-9 | 99-9 | 99-9 | 63-3 | 100 |
| 50-9 | 155-9 | 99-9 | 75-0 | -69-9 | -69-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 |
| 54-9 | 99-9 | 99-9 | 50-0 | -69-9 | -69-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 |
| 59-9 | 99-9 | 99-9 | 25-0 | -69-9 | -69-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 327
NASHVILLE, TENN23 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | QFW PT CG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DC K | E POT Y DC K | MX RTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.1 | 5.2 | 180.0 | 995.7 | 22.5 | 14.9 | 180.0 | 3.6 | 0.0 | 3.6 | 267.6 | 326.0 | 10.8 | 62.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 0.5 | 6.5 | 363.4 | 973.0 | 22.5 | 13.9 | 191.3 | 9.8 | 1.9 | 9.6 | 290.2 | 326.9 | 10.4 | 58.4 | 6.3 | 4. |
| 1.4 | 8.5 | 580.1 | 950.0 | 21.0 | 12.9 | 190.9 | 12.1 | 4.1 | 11.4 | 299.9 | 326.4 | 9.9 | 59.6 | 6.9 | 11. |
| 2.1 | 10.5 | 819.6 | 925.0 | 19.0 | 12.0 | 203.3 | 14.8 | 5.9 | 13.6 | 300.0 | 325.8 | 9.6 | 63.9 | 1.4 | 15. |
| 2.9 | 12.4 | 1054.4 | 900.0 | 16.9 | 11.1 | 206.4 | 17.2 | 7.7 | 15.4 | 300.2 | 325.2 | 9.3 | 68.5 | 2.2 | 12. |
| 3.6 | 14.5 | 1294.2 | 875.0 | 14.6 | 10.5 | 208.2 | 20.1 | 9.5 | 17.7 | 300.2 | 325.0 | 9.2 | 76.4 | 3.0 | 21. |
| 4.5 | 16.4 | 1539.0 | 850.0 | 12.8 | 10.7 | 216.3 | 20.7 | 13.1 | 16.0 | 300.8 | 326.7 | 9.6 | 87.0 | 4.0 | 23. |
| 5.2 | 18.6 | 1789.6 | 825.0 | 11.2 | 9.9 | 236.0 | 22.3 | 18.5 | 12.5 | 301.6 | 326.4 | 9.7 | 85.7 | 4.9 | 22. |
| 6.0 | 20.7 | 2246.6 | 800.0 | 10.2 | 5.7 | 249.6 | 22.9 | 21.4 | 8.0 | 303.0 | 323.0 | 7.2 | 73.8 | 5.7 | 34. |
| 6.4 | 23.0 | 2310.6 | 775.0 | 9.6 | 2.9 | 252.4 | 22.7 | 21.7 | 6.3 | 304.9 | 322.1 | 6.1 | 62.9 | 6.7 | 41. |
| 7.4 | 25.2 | 2562.0 | 750.0 | 7.1 | 1.8 | 252.3 | 22.5 | 21.4 | 6.9 | 305.0 | 321.5 | 5.8 | 69.9 | 7.3 | 43. |
| 8.0 | 27.4 | 2860.2 | 725.0 | 5.1 | 1.5 | 253.0 | 21.1 | 20.2 | 6.2 | 305.4 | 322.6 | 5.9 | 77.9 | 9.1 | 50. |
| 10.0 | 29.4 | 3146.1 | 700.0 | 3.1 | -2.6 | 255.9 | 18.7 | 16.1 | 4.5 | 306.5 | 319.7 | 4.5 | 66.1 | 10.4 | 53. |
| 11.0 | 32.3 | 3440.5 | 675.0 | 1.8 | -3.1 | 265.3 | 16.7 | 16.7 | 1.4 | 308.2 | 321.4 | 4.5 | 70.4 | 11.4 | 55. |
| 12.2 | 34.9 | 3744.1 | 650.0 | -0.5 | -0.4 | 276.3 | 17.4 | 17.2 | -2.8 | 309.1 | 325.3 | 5.6 | 97.9 | 12.3 | 52. |
| 13.2 | 37.2 | 4057.5 | 625.0 | -2.1 | -2.4 | 283.3 | 18.4 | 17.9 | -4.2 | 310.6 | 325.3 | 5.0 | 95.6 | 13.1 | 62. |
| 14.2 | 39.9 | 4380.8 | 600.0 | -4.7 | -8.0 | 282.1 | 20.4 | 20.0 | -4.3 | 311.1 | 321.6 | 3.5 | 77.8 | 14.0 | 65. |
| 15.1 | 42.3 | 4715.5 | 575.0 | -5.9 | -10.7 | 282.0 | 21.2 | 20.8 | -4.4 | 313.4 | 322.4 | 2.9 | 69.0 | 14.9 | 64. |
| 16.3 | 45.1 | 5062.3 | 550.0 | -8.3 | -12.5 | 287.9 | 21.3 | 20.2 | -6.5 | 315.5 | 322.7 | 2.7 | 71.7 | 16.2 | 71. |
| 17.5 | 47.9 | 5422.2 | 525.0 | -10.3 | -21.0 | 284.3 | 23.6 | 22.7 | -6.7 | 316.2 | 320.6 | 1.4 | 41.4 | 17.5 | 74. |
| 18.4 | 50.7 | 5766.2 | 500.0 | -13.3 | -25.4 | 281.2 | 24.6 | 24.1 | -4.6 | 316.9 | 320.1 | 1.0 | 35.2 | 19.1 | 77. |
| 20.2 | 53.8 | 6144.9 | 475.0 | -15.4 | -30.3 | 277.8 | 24.9 | 24.7 | -3.4 | 318.9 | 321.1 | 0.6 | 26.3 | 21.1 | 70. |
| 21.7 | 56.6 | 6500.7 | 450.0 | -18.7 | -33.6 | 272.5 | 22.7 | 22.7 | -1.0 | 319.9 | 324.1 | 1.3 | 67.1 | 23.1 | 41. |
| 23.1 | 59.9 | 7014.9 | 425.0 | -21.2 | -45.0 | 270.1 | 24.5 | 24.5 | -0.0 | 321.8 | 322.4 | 0.2 | 9.9 | 25.2 | 81. |
| 24.6 | 63.3 | 7459.1 | 400.0 | -24.8 | -56.1 | 277.8 | 21.5 | 21.3 | -2.9 | 322.7 | 324.9 | 0.0 | 3.6 | 27.1 | 82. |
| 25.3 | 66.6 | 7925.3 | 375.0 | -28.2 | -57.8 | 269.9 | 26.9 | 26.9 | 0.0 | 324.2 | 324.4 | 0.0 | 4.0 | 29.6 | 83. |
| 27.9 | 70.1 | 8416.7 | 350.0 | -31.5 | -59.5 | 269.2 | 28.6 | 28.6 | 0.4 | 326.2 | 326.3 | 0.0 | 4.4 | 32.1 | 84. |
| 29.7 | 73.8 | 8937.0 | 325.0 | -35.6 | -61.7 | 274.1 | 26.9 | 26.9 | -1.9 | 327.6 | 327.7 | 0.0 | 4.9 | 35.2 | 84. |
| 31.7 | 77.8 | 9489.0 | 300.0 | -39.8 | -69.9 | 276.3 | 27.2 | 27.1 | -3.0 | 329.2 | 329.9 | 99.9 | 99.9 | 38.4 | 45. |
| 33.7 | 81.8 | 10077.9 | 275.0 | -44.5 | 99.9 | 271.1 | 33.3 | 33.3 | -0.5 | 330.8 | 329.9 | 99.9 | 99.9 | 42.0 | 86. |
| 35.9 | 86.0 | 10709.7 | 250.0 | -49.1 | 99.9 | 271.0 | 30.2 | 30.2 | -0.5 | 333.1 | 329.9 | 99.9 | 99.9 | 46.2 | 86. |
| 38.1 | 90.8 | 11392.2 | 225.0 | -55.0 | 99.9 | 271.5 | 35.2 | 35.2 | -0.3 | 336.2 | 329.9 | 99.9 | 99.9 | 50.2 | 87. |
| 40.6 | 95.8 | 12134.2 | 200.0 | -60.4 | 99.9 | 272.9 | 39.4 | 39.4 | -2.0 | 337.2 | 329.9 | 99.9 | 99.9 | 55.9 | 87. |
| 43.5 | 101.3 | 12959.5 | 175.0 | -63.6 | 99.9 | 275.9 | 45.6 | 45.6 | -0.7 | 343.0 | 329.9 | 99.9 | 99.9 | 63.2 | 84. |
| 46.8 | 107.5 | 13927.1 | 150.0 | -57.0 | 99.9 | 272.6 | 40.5 | 40.5 | -1.8 | 371.9 | 329.9 | 99.9 | 99.9 | 71.3 | 84. |
| 50.9 | 114.5 | 15075.2 | 125.0 | -60.2 | 99.9 | 273.0 | 39.3 | 39.3 | -3.4 | 380.0 | 329.9 | 99.9 | 99.9 | 80.9 | 90. |
| 55.3 | 122.5 | 16450.7 | 100.0 | -64.2 | 99.9 | 284.7 | 15.3 | 14.6 | -3.9 | 390.8 | 329.9 | 99.9 | 99.9 | 88.0 | 91. |
| 61.0 | 132.0 | 18177.0 | 75.0 | -64.6 | 99.9 | 300.3 | 14.7 | 12.7 | -7.4 | 437.5 | 329.9 | 99.9 | 99.9 | 93.1 | 91. |
| 64.4 | 142.0 | 20085.8 | 50.0 | -59.8 | 99.9 | 222.2 | 4.4 | 2.9 | -3.2 | 502.7 | 329.9 | 99.9 | 99.9 | 94.7 | 91. |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 19 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 340
LITTLE ROCK, ARK23 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | WEIGHT GEM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.6 | 79.0 | 1004.4 | 25.5 | 16.6 | 200.0 | 4.6 | 1.6 | 4.3 | 299.9 | 331.8 | 12.0 | 55.0 | 0.0 | 0. |
| 0.2 | 6.0 | 117.7 | 1000.0 | 25.0 | 16.2 | 194.9 | 13.1 | 3.3 | 12.6 | 300.6 | 331.8 | 11.7 | 55.2 | 0.3 | 12. |
| 1.0 | 8.2 | 340.3 | 975.0 | 23.9 | 15.5 | 196.1 | 11.2 | 3.3 | 11.3 | 306.6 | 331.8 | 11.4 | 55.0 | 0.6 | 14. |
| 1.9 | 10.4 | 567.0 | 950.0 | 21.5 | 14.8 | 198.2 | 11.2 | 3.5 | 10.6 | 307.5 | 330.7 | 11.2 | 55.6 | 1.2 | 16. |
| 2.5 | 12.5 | 797.8 | 925.0 | 19.3 | 14.3 | 202.9 | 11.3 | 4.4 | 10.4 | 300.6 | 330.6 | 10.9 | 72.8 | 1.8 | 17. |
| 3.6 | 14.8 | 1033.0 | 900.0 | 17.0 | 13.6 | 212.1 | 9.8 | 5.2 | 8.3 | 300.5 | 329.9 | 10.9 | 80.2 | 2.4 | 14. |
| 4.5 | 17.0 | 1273.0 | 875.0 | 14.6 | 13.1 | 221.6 | 11.2 | 7.4 | 8.1 | 300.8 | 329.8 | 10.5 | 96.9 | 2.9 | 23. |
| 5.4 | 19.3 | 1518.1 | 850.0 | 12.8 | 10.6 | 226.9 | 11.9 | 8.7 | 8.1 | 300.8 | 326.5 | 9.5 | 96.9 | 3.4 | 27. |
| 6.6 | 21.5 | 1768.9 | 825.0 | 11.5 | 10.2 | 228.9 | 15.3 | 11.6 | 10.1 | 304.0 | 327.9 | 9.5 | 91.7 | 4.4 | 31. |
| 7.8 | 24.1 | 2026.4 | 800.0 | 10.3 | 9.0 | 244.6 | 15.8 | 14.2 | 6.8 | 303.3 | 326.2 | 9.1 | 91.9 | 5.4 | 36. |
| 9.1 | 26.4 | 2291.0 | 775.0 | 9.2 | 8.0 | 242.2 | 19.3 | 17.0 | 9.0 | 304.9 | 329.0 | 8.7 | 91.9 | 6.0 | 42. |
| 9.9 | 29.0 | 2552.5 | 750.0 | 7.6 | 6.3 | 241.6 | 19.9 | 17.5 | 9.5 | 305.9 | 329.3 | 8.1 | 91.8 | 7.6 | 44. |
| 10.5 | 31.6 | 2842.0 | 725.0 | 6.2 | 5.0 | 243.0 | 18.1 | 14.1 | 8.2 | 307.2 | 329.6 | 7.6 | 92.0 | 8.5 | 44. |
| 11.8 | 34.3 | 3125.3 | 700.0 | 3.9 | -5.3 | 245.1 | 19.4 | 17.6 | 8.1 | 307.3 | 318.1 | 3.7 | 51.1 | 9.6 | 44. |
| 12.6 | 36.8 | 3426.8 | 675.0 | 7.1 | -6.0 | 250.0 | 18.7 | 17.6 | 6.4 | 314.0 | 324.9 | 3.6 | 38.8 | 16.5 | 50. |
| 13.5 | 39.7 | 3735.9 | 650.0 | 4.6 | -9.9 | 253.1 | 15.4 | 14.7 | 4.5 | 314.5 | 323.0 | 2.8 | 34.1 | 11.4 | 57. |
| 14.6 | 42.3 | 4034.0 | 625.0 | 1.8 | -6.8 | 252.8 | 14.7 | 14.1 | 4.4 | 315.0 | 326.1 | 3.7 | 52.6 | 12.2 | 53. |
| 15.7 | 45.2 | 4381.5 | 600.0 | -1.2 | -8.1 | 248.4 | 15.9 | 14.7 | 5.8 | 315.1 | 325.7 | 3.5 | 59.5 | 13.2 | 55. |
| 16.9 | 48.3 | 4713.6 | 575.0 | -3.8 | -12.2 | 247.0 | 18.9 | 17.7 | 6.6 | 317.1 | 321.7 | 1.3 | 28.6 | 15.5 | 57. |
| 19.1 | 51.1 | 5065.3 | 550.0 | -6.0 | -21.1 | 249.7 | 20.3 | 19.9 | 6.1 | 317.8 | 321.3 | 1.2 | 31.9 | 16.9 | 56. |
| 19.3 | 54.3 | 5431.6 | 525.0 | -8.9 | -22.6 | 258.4 | 20.3 | 21.5 | 2.7 | 318.3 | 320.8 | 0.8 | 25.1 | 18.3 | 50. |
| 20.5 | 57.4 | 5807.4 | 500.0 | -12.1 | -28.2 | 262.9 | 21.7 | 21.5 | 1.6 | 318.1 | 320.9 | 0.8 | 35.9 | 20.1 | 67. |
| 21.9 | 60.7 | 6194.9 | 475.0 | -10.1 | -27.7 | 267.4 | 23.5 | 23.5 | 1.1 | 319.3 | 319.4 | 0.0 | 1.0 | 21.9 | 64. |
| 23.3 | 64.1 | 6601.5 | 450.0 | -19.0 | -42.0 | 267.4 | 23.9 | 23.9 | -0.6 | 321.3 | 321.4 | 0.0 | 1.0 | 23.9 | 67. |
| 24.7 | 67.5 | 7025.3 | 425.0 | -21.5 | -43.6 | 271.3 | 25.2 | 25.2 | -0.2 | 321.4 | 321.4 | 0.0 | 1.0 | 25.2 | 67. |
| 26.3 | 71.3 | 7469.6 | 400.0 | -24.3 | -45.4 | 270.4 | 27.3 | 27.3 | -0.2 | 321.4 | 321.4 | 0.0 | 1.0 | 27.3 | 71. |
| 28.0 | 75.0 | 7936.9 | 375.0 | -27.4 | -47.5 | 269.5 | 28.4 | 28.3 | 2.2 | 325.2 | 325.3 | 0.0 | 1.0 | 28.4 | 71. |
| 29.5 | 79.0 | 8430.2 | 350.0 | -31.1 | -49.9 | 263.0 | 29.6 | 29.4 | 3.3 | 326.7 | 326.8 | 0.0 | 1.0 | 31.1 | 72. |
| 31.1 | 83.0 | 8951.8 | 325.0 | -35.0 | -52.5 | 263.1 | 29.5 | 29.3 | 4.0 | 328.3 | 328.3 | 0.0 | 1.0 | 34.2 | 73. |
| 32.9 | 87.2 | 9504.7 | 300.0 | -39.8 | -55.9 | 263.4 | 29.8 | 29.6 | 3.4 | 329.2 | 329.2 | 99.9 | 99.9 | 37.2 | 75. |
| 34.9 | 92.0 | 10092.6 | 275.0 | -45.2 | -59.9 | 267.4 | 33.4 | 33.4 | 1.5 | 329.8 | 329.8 | 99.9 | 99.9 | 41.0 | 75. |
| 37.2 | 96.6 | 10724.7 | 250.0 | -48.8 | -62.0 | 267.7 | 34.5 | 34.5 | 1.4 | 333.5 | 333.5 | 99.9 | 99.9 | 45.5 | 76. |
| 39.7 | 101.8 | 11409.8 | 225.0 | -53.7 | -67.0 | 267.4 | 43.8 | 43.8 | 2.0 | 335.3 | 335.3 | 99.9 | 99.9 | 51.5 | 77. |
| 42.3 | 107.5 | 12157.4 | 200.0 | -59.7 | -72.5 | 267.4 | 49.0 | 48.8 | 5.1 | 338.3 | 338.3 | 99.9 | 99.9 | 58.6 | 78. |
| 45.4 | 113.5 | 12985.1 | 175.0 | -62.0 | -79.9 | 267.7 | 47.7 | 47.7 | 1.9 | 347.7 | 347.7 | 99.9 | 99.9 | 67.5 | 79. |
| 49.2 | 120.0 | 13943.9 | 150.0 | -66.6 | -82.0 | 265.4 | 44.1 | 44.1 | 3.6 | 369.2 | 369.2 | 99.9 | 99.9 | 77.4 | 84. |
| 51.6 | 127.3 | 15000.2 | 125.0 | -60.2 | -80.2 | 257.5 | 23.0 | 22.4 | 5.0 | 366.0 | 366.0 | 99.9 | 99.9 | 85.2 | 91. |
| 57.6 | 135.3 | 16460.2 | 100.0 | -65.2 | -89.9 | 268.8 | 23.5 | 23.5 | 0.5 | 461.7 | 461.7 | 99.9 | 99.9 | 91.7 | 81. |
| 63.2 | 143.3 | 18185.0 | 75.0 | -71.0 | -99.9 | 261.0 | 13.3 | 13.2 | 2.1 | 424.2 | 424.2 | 99.9 | 99.9 | 96.2 | 81. |
| 71.2 | 152.0 | 20675.3 | 50.0 | -58.6 | -90.9 | 277.4 | 8.9 | 8.8 | -1.1 | 505.5 | 505.5 | 99.9 | 99.9 | 99.4 | 81. |
| 83.7 | 161.0 | 23117.4 | 25.0 | -50.7 | -99.9 | 319.3 | 9.2 | 6.0 | -6.9 | 639.0 | 639.0 | 99.9 | 99.9 | 103.3 | 92. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 349
MONETTE, MO23 APRIL 1975
2315 GMT

| TIME MIN | CNTCY | HEIGHT CMP | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V CCMP M/SEC | POT T DEG K | E POT T DEG K | WX RTO CM/KG | RM PCT | RANGE KM | SL DEG | 0 |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|------|
| 00.0 | 00.0 | 438.0 | 959.0 | 22.8 | 17.5 | 210.0 | 9.3 | 4.6 | 8.1 | 301.3 | 336.7 | 13.3 | 72.0 | 0.0 | 0.0 | 0.0 |
| 00.5 | 00.5 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 01.0 | 01.0 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 01.5 | 01.5 | 520.2 | 953.0 | 21.5 | 16.2 | 206.2 | 14.3 | 6.3 | 12.5 | 300.7 | 333.6 | 12.3 | 99.9 | 0.5 | 2.0 | 0.0 |
| 02.0 | 02.0 | 751.4 | 925.0 | 19.5 | 15.4 | 210.7 | 15.5 | 7.9 | 13.3 | 300.6 | 332.9 | 12.0 | 77.2 | 1.2 | 2.0 | 0.0 |
| 02.5 | 02.5 | 987.2 | 900.0 | 17.5 | 15.1 | 213.3 | 16.0 | 8.8 | 13.3 | 301.2 | 333.7 | 12.1 | 85.9 | 1.8 | 2.0 | 0.0 |
| 03.0 | 03.0 | 1227.8 | 875.0 | 15.3 | 13.8 | 214.6 | 17.1 | 9.7 | 14.1 | 301.1 | 331.8 | 11.4 | 91.4 | 2.4 | 3.0 | 0.0 |
| 03.5 | 03.5 | 1474.1 | 850.0 | 15.3 | 12.0 | 222.2 | 17.9 | 12.0 | 13.3 | 303.6 | 332.1 | 10.5 | 80.7 | 3.2 | 3.0 | 0.0 |
| 04.0 | 04.0 | 1727.6 | 825.0 | 14.9 | 9.8 | 225.7 | 17.2 | 12.3 | 12.1 | 305.4 | 331.3 | 9.3 | 71.5 | 4.2 | 3.0 | 0.0 |
| 04.5 | 04.5 | 1587.7 | 800.0 | 12.8 | 8.1 | 226.1 | 19.1 | 13.7 | 13.2 | 305.5 | 329.7 | 8.5 | 73.2 | 5.2 | 3.0 | 0.0 |
| 05.0 | 05.0 | 2254.2 | 775.0 | 10.8 | 6.0 | 229.4 | 15.4 | 11.7 | 10.6 | 306.5 | 327.9 | 7.6 | 72.3 | 6.1 | 3.0 | 0.0 |
| 05.5 | 05.5 | 2527.5 | 750.0 | 9.6 | 2.0 | 224.1 | 13.5 | 9.4 | 9.7 | 307.8 | 326.8 | 5.9 | 59.2 | 6.7 | 4.0 | 0.0 |
| 06.0 | 06.0 | 2608.9 | 725.0 | 6.2 | -1.2 | 215.3 | 11.2 | 6.5 | 9.1 | 309.0 | 323.1 | 4.8 | 51.6 | 7.4 | 4.0 | 0.0 |
| 06.5 | 06.5 | 3097.2 | 700.0 | 5.5 | -5.7 | 212.7 | 9.2 | 5.0 | 7.7 | 309.0 | 319.6 | 3.6 | 44.3 | 8.0 | 3.0 | 0.0 |
| 07.0 | 07.0 | 3393.6 | 675.0 | 3.1 | -9.1 | 213.8 | 10.4 | 5.8 | 8.6 | 309.5 | 319.5 | 2.6 | 40.2 | 8.6 | 3.0 | 0.0 |
| 07.5 | 07.5 | 3658.9 | 650.0 | 2.0 | -10.6 | 220.5 | 14.5 | 9.4 | 11.0 | 311.6 | 319.5 | 2.6 | 36.4 | 9.5 | 3.0 | 0.0 |
| 08.0 | 08.0 | 4014.4 | 625.0 | 0.1 | -12.3 | 234.1 | 18.1 | 14.7 | 10.6 | 312.8 | 320.2 | 2.4 | 38.8 | 10.6 | 3.0 | 0.0 |
| 08.5 | 08.5 | 4340.3 | 600.0 | -2.6 | -6.8 | 246.2 | 19.5 | 17.8 | 7.9 | 313.6 | 325.1 | 3.8 | 72.5 | 11.7 | 4.0 | 0.0 |
| 09.0 | 09.0 | 4670.4 | 575.0 | -5.7 | -10.2 | 253.8 | 19.6 | 18.8 | 5.5 | 313.7 | 323.0 | 3.1 | 70.1 | 13.0 | 4.0 | 0.0 |
| 09.5 | 09.5 | 5023.2 | 550.0 | -8.9 | -12.1 | 252.5 | 20.8 | 19.9 | 6.3 | 313.8 | 322.4 | 2.8 | 78.3 | 14.2 | 4.0 | 0.0 |
| 10.0 | 10.0 | 5381.5 | 525.0 | -11.8 | -15.3 | 254.1 | 22.0 | 21.2 | 6.0 | 314.5 | 321.4 | 2.2 | 74.9 | 15.7 | 5.0 | 0.0 |
| 10.5 | 10.5 | 5722.8 | 500.0 | -15.4 | -22.1 | 269.9 | 22.0 | 21.2 | 5.9 | 316.7 | 319.7 | 0.9 | 56.8 | 15.7 | 5.0 | 0.0 |
| 11.0 | 11.0 | 6138.6 | 475.0 | -17.3 | -26.8 | 299.9 | 22.0 | 21.2 | 5.9 | 316.7 | 319.7 | 0.9 | 44.4 | 15.7 | 5.0 | 0.0 |
| 11.5 | 11.5 | 99.9 | 450.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 12.0 | 12.0 | 99.9 | 425.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 12.5 | 12.5 | 99.9 | 400.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 13.0 | 13.0 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 13.5 | 13.5 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 14.0 | 14.0 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 14.5 | 14.5 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 15.0 | 15.0 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 15.5 | 15.5 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 16.0 | 16.0 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 16.5 | 16.5 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 17.0 | 17.0 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 17.5 | 17.5 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 18.0 | 18.0 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 18.5 | 18.5 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 19.0 | 19.0 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 19.5 | 19.5 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 20.0 | 20.0 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
 OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 363
AMARILLO, TEX23 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GPH | PRES MB | TEMP CG C | DEW PT CG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD CM/KG | MM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0-0 | 14-2 | 1055-0 | 882-8 | 28-7 | 1-9 | 230-0 | 8-3 | 6-4 | 5-3 | 311-4 | 320-1 | 5-0 | 20-0 | 0-0 | Ca |
| 00-0 | 00-0 | 1000-0 | 1000-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 |
| 00-0 | 00-0 | 075-0 | 075-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 |
| 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 |
| 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 |
| 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 | 00-0 |
| 0-3 | 14-8 | 1173-0 | 875-0 | 25-5 | -2-8 | 235-2 | 10-3 | 8-2 | 5-7 | 310-2 | 321-6 | 3-6 | 15-4 | 0-2 | 39 |
| 1-2 | 16-3 | 1425-9 | 850-0 | 22-7 | -5-4 | 235-2 | 10-3 | 8-5 | 5-9 | 310-3 | 319-4 | 3-0 | 14-8 | 0-7 | 52 |
| 2-3 | 16-0 | 1683-8 | 825-0 | 20-2 | -6-3 | 235-6 | 9-4 | 7-8 | 5-3 | 310-3 | 319-1 | 2-9 | 16-2 | 1-4 | 54 |
| 3-3 | 21-0 | 1947-6 | 800-0 | 17-6 | -7-8 | 244-2 | 9-9 | 8-9 | 4-3 | 310-3 | 318-4 | 2-7 | 16-9 | 1-7 | 56 |
| 4-4 | 23-3 | 2217-2 | 775-0 | 14-9 | -9-0 | 247-1 | 11-1 | 10-2 | 4-3 | 310-2 | 317-8 | 2-3 | 18-2 | 2-0 | 58 |
| 5-7 | 25-5 | 2493-0 | 750-0 | 12-0 | -11-2 | 247-4 | 10-9 | 10-1 | 4-2 | 309-9 | 317-0 | 2-3 | 20-0 | 3-4 | 61 |
| 7-0 | 27-8 | 2775-2 | 725-0 | 9-3 | -11-2 | 246-1 | 11-8 | 10-8 | 4-5 | 310-0 | 316-8 | 2-2 | 22-1 | 4-3 | 52 |
| 8-3 | 30-2 | 3064-5 | 700-0 | 6-6 | -11-9 | 244-6 | 10-4 | 9-4 | 4-5 | 310-0 | 316-7 | 2-2 | 25-3 | 5-1 | 52 |
| 9-5 | 32-7 | 3351-6 | 675-0 | 4-1 | -12-3 | 251-4 | 12-5 | 11-8 | 4-0 | 310-5 | 317-1 | 2-2 | 29-1 | 6-0 | 63 |
| 10-8 | 35-3 | 3660-8 | 650-0 | 1-1 | -13-7 | 253-9 | 13-5 | 12-3 | 3-7 | 310-4 | 316-8 | 2-0 | 32-2 | 7-0 | 65 |
| 12-1 | 37-7 | 3980-8 | 625-0 | -1-5 | -16-4 | 251-9 | 14-7 | 13-9 | 4-6 | 310-5 | 316-2 | 1-7 | 31-1 | 8-0 | 66 |
| 13-2 | 40-3 | 4303-1 | 600-0 | -2-4 | -23-2 | 243-5 | 19-8 | 17-7 | 8-9 | 313-5 | 315-7 | 1-0 | 18-7 | 9-2 | 56 |
| 14-3 | 42-9 | 4642-7 | 575-0 | -2-1 | -29-5 | 237-8 | 24-0 | 20-6 | 12-8 | 317-6 | 319-5 | 0-6 | 10-0 | 10-6 | 55 |
| 15-4 | 45-7 | 4990-1 | 550-0 | -5-1 | -30-5 | 237-7 | 22-2 | 18-8 | 11-9 | 318-1 | 320-0 | 0-5 | 11-5 | 12-1 | 54 |
| 16-5 | 48-6 | 5337-4 | 525-0 | -8-3 | -31-0 | 241-1 | 19-9 | 17-4 | 9-6 | 318-5 | 320-4 | 0-5 | 14-0 | 13-2 | 54 |
| 17-8 | 51-4 | 5733-7 | 500-0 | -11-6 | -31-8 | 247-5 | 21-0 | 19-4 | 8-6 | 319-0 | 320-8 | 0-5 | 16-7 | 15-1 | 54 |
| 18-1 | 54-4 | 6124-6 | 475-0 | -14-7 | -32-9 | 248-8 | 22-1 | 20-6 | 8-0 | 319-6 | 321-6 | 0-5 | 19-3 | 16-8 | 54 |
| 20-5 | 57-4 | 6531-3 | 450-0 | -18-3 | -32-6 | 251-7 | 23-2 | 22-0 | 7-3 | 320-2 | 322-1 | 0-5 | 27-0 | 18-7 | 65 |
| 21-9 | 60-7 | 6955-0 | 425-0 | -22-2 | -35-1 | 250-9 | 24-8 | 23-5 | 8-1 | 320-5 | 322-1 | 0-4 | 29-8 | 20-7 | 66 |
| 23-3 | 64-1 | 7367-2 | 400-0 | -25-9 | -39-8 | 248-6 | 26-9 | 25-1 | 9-8 | 321-3 | 322-4 | 0-3 | 25-6 | 22-6 | 66 |
| 24-6 | 67-4 | 7861-7 | 375-0 | -29-4 | -43-1 | 248-5 | 29-8 | 27-7 | 10-9 | 322-0 | 323-4 | 0-2 | 25-1 | 25-1 | 66 |
| 26-2 | 71-0 | 8356-1 | 350-0 | -33-3 | -46-6 | 244-3 | 34-2 | 30-9 | 14-9 | 323-6 | 324-4 | 0-2 | 24-6 | 24-1 | 66 |
| 28-0 | 74-8 | 8867-9 | 325-0 | -35-8 | -50-1 | 242-9 | 33-7 | 30-0 | 15-3 | 327-2 | 327-7 | 0-1 | 21-3 | 31-7 | 66 |
| 29-9 | 76-3 | 9419-7 | 300-0 | -39-8 | -53-6 | 244-7 | 41-0 | 37-1 | 17-5 | 329-2 | 329-5 | 0-1 | 21-1 | 30-1 | 66 |
| 31-8 | 83-0 | 10008-9 | 275-0 | -44-5 | 99-9 | 243-5 | 36-9 | 33-9 | 16-5 | 330-8 | 330-9 | 99-9 | 99-9 | 40-6 | 65 |
| 33-7 | 87-4 | 10639-8 | 250-0 | -50-1 | 99-9 | 244-2 | 38-7 | 34-8 | 16-8 | 331-6 | 331-6 | 99-9 | 99-9 | 45-8 | 65 |
| 35-8 | 92-4 | 11320-6 | 225-0 | -55-0 | 99-9 | 246-0 | 52-6 | 48-0 | 21-4 | 334-2 | 334-2 | 99-9 | 99-9 | 50-4 | 65 |
| 39-1 | 97-4 | 12025-3 | 200-0 | -58-4 | 99-9 | 247-3 | 30-4 | 28-1 | 11-7 | 340-3 | 340-3 | 99-9 | 99-9 | 55-6 | 65 |
| 40-4 | 103-0 | 12907-2 | 175-0 | -56-9 | 99-9 | 248-2 | 45-8 | 42-6 | 17-0 | 356-0 | 356-0 | 99-9 | 99-9 | 62-4 | 65 |
| 43-1 | 109-5 | 13882-0 | 150-0 | -57-9 | 99-9 | 258-4 | 28-7 | 28-2 | 5-8 | 370-4 | 370-4 | 99-9 | 99-9 | 68-2 | 66 |
| 44-8 | 114-3 | 15030-5 | 125-0 | -58-6 | 99-9 | 242-4 | 45-0 | 40-2 | 21-0 | 388-8 | 388-8 | 99-9 | 99-9 | 74-0 | 66 |
| 50-7 | 125-0 | 16417-1 | 100-0 | -63-0 | 99-9 | 259-1 | 39-8 | 39-1 | 7-5 | 405-9 | 405-9 | 99-9 | 99-9 | 84-4 | 67 |
| 55-4 | 135-8 | 19189-8 | 75-0 | -67-1 | 99-9 | 232-0 | 19-5 | 15-4 | 12-0 | 432-1 | 432-1 | 99-9 | 99-9 | 91-1 | 67 |
| 62-6 | 145-7 | 20707-9 | 50-0 | -64-9 | 99-9 | 259-3 | 10-2 | 10-0 | 1-9 | 514-1 | 514-1 | 99-9 | 99-9 | 92-9 | 67 |
| 70-4 | 158-5 | 25180-1 | 25-0 | -51-4 | 99-9 | 243-8 | 14-2 | 12-7 | 0-3 | 637-2 | 637-2 | 99-9 | 99-9 | 98-4 | 67 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 402
WALLOPS ISLAND, VA23 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DEG C | CIN PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MR RTO CM/KG | RH PCT | RANGE M | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|------------|-----------|
| 0.0 | 4.4 | 4.0 | 1020.5 | 13.3 | 9.9 | 999.9 | 99.9 | 99.9 | 99.9 | 285.8 | 305.2 | 7.6 | 80.0 | 999.9 | 999.9 |
| 0.7 | 5.9 | 176.5 | 1000.0 | 20.4 | 10.0 | 999.9 | 99.9 | 99.9 | 99.9 | 294.6 | 315.2 | 7.7 | 51.5 | 999.9 | 999.9 |
| 1.4 | 6.1 | 325.3 | 975.0 | 20.4 | 8.7 | 999.9 | 99.9 | 99.9 | 99.9 | 296.7 | 316.4 | 7.3 | 47.6 | 999.9 | 999.9 |
| 2.1 | 10.2 | 619.1 | 950.0 | 18.7 | 8.0 | 999.9 | 99.9 | 99.9 | 99.9 | 297.1 | 316.4 | 7.1 | 49.7 | 999.9 | 999.9 |
| 2.9 | 12.3 | 647.2 | 925.0 | 16.7 | 7.4 | 999.9 | 99.9 | 99.9 | 99.9 | 297.3 | 316.3 | 7.0 | 54.2 | 999.9 | 999.9 |
| 3.7 | 14.6 | 1080.0 | 900.0 | 14.6 | 6.6 | 999.9 | 99.9 | 99.9 | 99.9 | 297.5 | 316.2 | 6.9 | 59.3 | 999.9 | 999.9 |
| 4.5 | 16.7 | 1317.4 | 875.0 | 12.3 | 6.2 | 999.9 | 99.9 | 99.9 | 99.9 | 297.5 | 316.0 | 6.8 | 64.4 | 999.9 | 999.9 |
| 5.2 | 19.0 | 1559.8 | 850.0 | 10.2 | 5.9 | 999.9 | 99.9 | 99.9 | 99.9 | 297.7 | 316.3 | 6.9 | 75.1 | 999.9 | 999.9 |
| 6.0 | 21.1 | 1807.8 | 825.0 | 8.2 | 6.2 | 999.9 | 99.9 | 99.9 | 99.9 | 298.2 | 317.9 | 7.2 | 87.8 | 999.9 | 999.9 |
| 6.9 | 23.6 | 2061.6 | 800.0 | 6.1 | 4.3 | 999.9 | 99.9 | 99.9 | 99.9 | 298.5 | 316.4 | 6.3 | 87.9 | 999.9 | 999.9 |
| 7.8 | 25.3 | 2321.5 | 775.0 | 5.2 | 3.9 | 999.9 | 99.9 | 99.9 | 99.9 | 298.9 | 310.5 | 3.7 | 51.9 | 999.9 | 999.9 |
| 8.6 | 28.4 | 2582.4 | 750.0 | 3.1 | 7.6 | 999.9 | 99.9 | 99.9 | 99.9 | 300.3 | 308.7 | 2.9 | 45.3 | 999.9 | 999.9 |
| 9.5 | 31.0 | 2861.9 | 725.0 | 0.9 | 7.1 | 999.9 | 99.9 | 99.9 | 99.9 | 300.6 | 309.8 | 3.1 | 53.1 | 999.9 | 999.9 |
| 10.5 | 33.8 | 3143.0 | 700.0 | -1.6 | -6.8 | 999.9 | 99.9 | 99.9 | 99.9 | 301.1 | 310.6 | 3.3 | 67.8 | 999.9 | 999.9 |
| 11.4 | 36.2 | 3432.4 | 675.0 | -2.4 | -7.2 | 999.9 | 99.9 | 99.9 | 99.9 | 303.3 | 312.9 | 3.3 | 69.7 | 999.9 | 999.9 |
| 12.3 | 38.0 | 3731.1 | 650.0 | -4.3 | -9.5 | 999.9 | 99.9 | 99.9 | 99.9 | 304.5 | 312.9 | 2.9 | 67.0 | 999.9 | 999.9 |
| 13.2 | 41.6 | 4039.4 | 625.0 | -6.2 | -14.6 | 999.9 | 99.9 | 99.9 | 99.9 | 305.6 | 311.7 | 2.0 | 52.6 | 999.9 | 999.9 |
| 14.2 | 44.5 | 4357.7 | 600.0 | -7.9 | -24.3 | 999.9 | 99.9 | 99.9 | 99.9 | 307.1 | 309.9 | 0.9 | 25.3 | 999.9 | 999.9 |
| 15.3 | 47.6 | 4687.7 | 575.0 | -9.4 | -25.0 | 999.9 | 99.9 | 99.9 | 99.9 | 309.1 | 311.9 | 0.9 | 26.7 | 999.9 | 999.9 |
| 16.5 | 50.5 | 5030.3 | 550.0 | -11.2 | -25.0 | 999.9 | 99.9 | 99.9 | 99.9 | 310.9 | 313.6 | 0.8 | 26.1 | 999.9 | 999.9 |
| 17.7 | 53.5 | 5325.4 | 525.0 | -13.9 | -27.0 | 999.9 | 99.9 | 99.9 | 99.9 | 311.8 | 314.4 | 0.8 | 31.9 | 999.9 | 999.9 |
| 18.9 | 56.6 | 5754.3 | 500.0 | -16.3 | -29.4 | 999.9 | 99.9 | 99.9 | 99.9 | 313.2 | 315.6 | 0.7 | 34.2 | 999.9 | 999.9 |
| 20.1 | 59.9 | 6138.4 | 475.0 | -18.5 | -23.7 | 999.9 | 99.9 | 99.9 | 99.9 | 315.1 | 319.0 | 1.2 | 63.6 | 999.9 | 999.9 |
| 21.4 | 63.4 | 6540.8 | 450.0 | -20.4 | -22.6 | 999.9 | 99.9 | 99.9 | 99.9 | 317.7 | 322.2 | 1.4 | 82.1 | 999.9 | 999.9 |
| 22.6 | 66.8 | 6961.6 | 425.0 | -23.5 | -25.8 | 999.9 | 99.9 | 99.9 | 99.9 | 318.9 | 322.5 | 1.1 | 81.0 | 999.9 | 999.9 |
| 23.9 | 70.4 | 7404.5 | 400.0 | -25.1 | -26.9 | 999.9 | 99.9 | 99.9 | 99.9 | 322.4 | 325.9 | 1.0 | 84.8 | 999.9 | 999.9 |
| 25.4 | 74.3 | 7870.1 | 375.0 | -29.0 | -30.6 | 999.9 | 99.9 | 99.9 | 99.9 | 324.3 | 326.0 | 0.6 | 85.9 | 999.9 | 999.9 |
| 27.0 | 78.3 | 8360.0 | 350.0 | -33.0 | -38.7 | 999.9 | 99.9 | 99.9 | 99.9 | 325.6 | 326.2 | 0.6 | 84.2 | 999.9 | 999.9 |
| 29.5 | 82.3 | 8977.3 | 325.0 | -37.1 | -40.0 | 999.9 | 99.9 | 99.9 | 99.9 | 326.0 | 326.0 | 0.4 | 73.9 | 999.9 | 999.9 |
| 30.2 | 84.6 | 9425.0 | 300.0 | -42.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 326.0 | 326.0 | 99.9 | 999.9 | 999.9 | 999.9 |
| 32.0 | 81.2 | 10006.6 | 275.0 | -47.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 326.5 | 326.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34.0 | 96.0 | 10628.2 | 250.0 | -53.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 326.6 | 326.6 | 99.9 | 999.9 | 999.9 | 999.9 |
| 36.1 | 101.3 | 11257.3 | 225.0 | -58.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 328.3 | 328.3 | 99.9 | 999.9 | 999.9 | 999.9 |
| 38.3 | 107.0 | 12025.8 | 200.0 | -65.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 329.3 | 329.3 | 99.9 | 999.9 | 999.9 | 999.9 |
| 40.8 | 113.0 | 12840.9 | 175.0 | -62.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 346.9 | 346.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 43.6 | 119.7 | 13754.8 | 150.0 | -62.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 363.0 | 363.0 | 99.9 | 999.9 | 999.9 | 999.9 |
| 47.4 | 127.0 | 14928.3 | 125.0 | -61.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 384.0 | 384.0 | 99.9 | 999.9 | 999.9 | 999.9 |
| 51.9 | 135.0 | 16311.8 | 100.0 | -64.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 404.1 | 404.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 56.2 | 142.7 | 18066.3 | 75.0 | -62.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 441.0 | 441.0 | 99.9 | 999.9 | 999.9 | 999.9 |
| 59.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405
STERLING, VA23 APRIL 1975
2315 GMT

156 23.0

| TIME MIN | CHTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MR STD CM/SEC | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|------------------|-----------|-------------|-----------|
| 0-0 | 5-5 | 05-0 | 1007.3 | 19.4 | 8.4 | 100-0 | 3-1 | -3.1 | 0-5 | 292.9 | 311.2 | 6-9 | 49-0 | 0-0 | 0- |
| 0-3 | 6-0 | 147.7 | 1000.0 | 20.6 | 8.6 | 145-1 | 7-5 | -4.3 | 6-2 | 294.7 | 313.6 | 7-1 | 46-6 | 0-2 | 315- |
| 1-2 | 6-2 | 360.3 | 975.0 | 19.7 | 7.6 | 145-4 | 8-2 | -2.1 | 7-9 | 296.9 | 314.0 | 6-9 | 46-2 | 0-5 | 325- |
| 2-0 | 10-5 | 590.0 | 950.0 | 19.2 | 8.1 | 145-7 | 11-8 | 1-2 | 11-8 | 297.7 | 317.1 | 7-2 | 48-3 | 0-9 | 343- |
| 3-0 | 12-4 | 810-5 | 925.0 | 17-1 | 7-5 | 194-2 | 13-9 | 3-4 | 13-5 | 257.7 | 316-8 | 7-3 | 53-1 | 1-0 | 355- |
| 3-8 | 15-0 | 1031-6 | 900.0 | 15-0 | 7-6 | 196-6 | 17-5 | 5-6 | 16-5 | 298.0 | 317-8 | 7-3 | 61-0 | 2-4 | 3- |
| 4-7 | 17-1 | 1289-9 | 875-0 | 13-2 | 7-3 | 203-2 | 17-6 | 7-0 | 18-2 | 298.5 | 318-6 | 7-4 | 67-4 | 3-4 | 8- |
| 5-7 | 19-6 | 1533-3 | 850-0 | 10-8 | 7-2 | 208-6 | 18-2 | 8-7 | 18-0 | 298.5 | 318-9 | 7-5 | 78-4 | 4-4 | 12- |
| 6-5 | 21-8 | 1781-6 | 825-0 | 8-6 | 7-0 | 215-5 | 17-5 | 10-2 | 15-3 | 298.7 | 319-4 | 7-6 | 89-4 | 5-2 | 15- |
| 7-4 | 24-3 | 2035-6 | 800.0 | 7-1 | 0-2 | 227-8 | 17-8 | 13-2 | 12-0 | 299.3 | 312-9 | 4-9 | 61-3 | 6-3 | 19- |
| 8-3 | 26-7 | 2296-9 | 775-0 | 6-9 | -6-2 | 235-6 | 17-5 | 14-5 | 9-9 | 301-6 | 310-6 | 3-1 | 38-6 | 6-8 | 24- |
| 9-3 | 29-3 | 2565-2 | 750-0 | 4-9 | -7-9 | 239-9 | 18-2 | 15-7 | 9-1 | 302-2 | 310-4 | 2-8 | 38-9 | 7-7 | 28- |
| 10-2 | 31-9 | 2840-5 | 725-0 | 2-3 | -9-0 | 239-7 | 17-7 | 15-3 | 9-0 | 302-3 | 310-1 | 2-7 | 42-8 | 8-6 | 32- |
| 11-1 | 34-6 | 3122-5 | 700-0 | -0-7 | -10-0 | 237-6 | 16-6 | 14-1 | 8-8 | 302-0 | 309-6 | 2-6 | 49-3 | 9-4 | 34- |
| 11-8 | 37-1 | 3412-1 | 675-0 | -2-9 | -10-4 | 237-6 | 16-7 | 14-1 | 8-9 | 302-7 | 310-3 | 2-6 | 56-2 | 10-1 | 36- |
| 12-7 | 39-9 | 3789-8 | 650-0 | -5-7 | -10-4 | 238-1 | 17-1 | 14-5 | 9-0 | 302-9 | 311-0 | 2-7 | 69-1 | 10-9 | 39- |
| 13-5 | 42-6 | 4015-8 | 625-0 | -8-7 | -10-4 | 234-8 | 16-9 | 14-1 | 9-3 | 302-9 | 311-0 | 2-8 | 87-0 | 11-7 | 39- |
| 14-4 | 45-4 | 4331-8 | 600-0 | -10-1 | -11-1 | 234-8 | 17-2 | 14-0 | 9-9 | 304-8 | 312-9 | 2-7 | 92-7 | 12-6 | 40- |
| 15-4 | 48-5 | 4596-9 | 575-0 | -10-7 | -11-5 | 237-9 | 18-7 | 15-8 | 9-9 | 307-8 | 316-1 | 2-8 | 94-0 | 13-6 | 41- |
| 16-5 | 51-3 | 5001-6 | 550-0 | -11-6 | -12-4 | 252-5 | 23-7 | 22-6 | 7-1 | 310-6 | 318-7 | 2-7 | 93-9 | 14-9 | 43- |
| 17-6 | 54-4 | 5357-4 | 525-0 | -13-1 | -13-7 | 268-0 | 26-9 | 26-9 | 0-9 | 313-0 | 320-7 | 2-5 | 94-8 | 16-3 | 47- |
| 18-8 | 57-4 | 5728-6 | 500-0 | -14-6 | -15-3 | 278-6 | 27-3 | 27-0 | -4-1 | 315-5 | 322-8 | 2-3 | 93-9 | 17-7 | 51- |
| 20-0 | 60-7 | 6116-1 | 475-0 | -16-6 | -17-6 | 260-2 | 24-4 | 22-9 | -8-4 | 317-6 | 324-0 | 2-0 | 92-4 | 18-9 | 56- |
| 21-2 | 63-1 | 6521-4 | 450-0 | -18-7 | -19-9 | 290-7 | 23-2 | 21-7 | -8-2 | 319-9 | 325-5 | 1-7 | 90-0 | 19-9 | 60- |
| 22-4 | 67-4 | 6943-6 | 425-0 | -21-5 | -23-2 | 268-3 | 25-4 | 24-1 | -8-0 | 321-6 | 326-2 | 1-4 | 85-9 | 21-1 | 64- |
| 23-5 | 70-6 | 7389-9 | 400-0 | -24-8 | -24-7 | 293-3 | 25-9 | 23-8 | -10-3 | 322-8 | 328-4 | 1-1 | 84-3 | 22-3 | 67- |
| 25-0 | 74-4 | 7856-7 | 375-0 | -28-3 | -30-2 | 267-6 | 28-2 | 25-0 | -13-1 | 324-1 | 328-9 | 0-8 | 84-1 | 23-9 | 71- |
| 26-4 | 78-3 | 8347-6 | 350-0 | -32-2 | -34-4 | 298-5 | 25-6 | 22-5 | -12-2 | 325-3 | 327-3 | 0-6 | 81-2 | 25-5 | 75- |
| 27-9 | 82-3 | 8866-2 | 325-0 | -36-3 | -39-9 | 291-8 | 27-5 | 25-6 | -16-2 | 327-9 | 328-1 | 0-4 | 76-4 | 27-4 | 78- |
| 29-7 | 86-2 | 9415-0 | 300-0 | -40-8 | 99-9 | 290-7 | 25-5 | 23-9 | -9-0 | 327-9 | 999-9 | 99-9 | 99-9 | 29-6 | 81- |
| 31-5 | 90-7 | 10071-3 | 275-0 | -46-2 | 99-9 | 290-2 | 29-1 | 27-3 | -10-0 | 328-3 | 999-9 | 99-9 | 99-9 | 32-3 | 84- |
| 33-4 | 95-3 | 10626-5 | 250-0 | -52-0 | 99-9 | 291-0 | 33-5 | 31-2 | -12-0 | 328-8 | 999-9 | 99-9 | 99-9 | 35-5 | 86- |
| 35-6 | 100-2 | 11298-9 | 225-0 | -58-4 | 99-9 | 287-1 | 39-6 | 37-9 | -11-7 | 329-0 | 999-9 | 99-9 | 99-9 | 39-9 | 89- |
| 38-0 | 105-3 | 12028-2 | 200-0 | -65-2 | 99-9 | 288-7 | 37-5 | 35-5 | -12-1 | 329-6 | 999-9 | 99-9 | 99-9 | 44-7 | 91- |
| 40-9 | 110-8 | 12835-8 | 175-0 | -63-7 | 99-9 | 300-4 | 34-6 | 29-9 | -17-5 | 348-8 | 999-9 | 99-9 | 99-9 | 51-7 | 94- |
| 44-4 | 117-0 | 13901-4 | 150-0 | -59-4 | 99-9 | 294-2 | 33-1 | 30-2 | -13-6 | 367-8 | 999-9 | 99-9 | 99-9 | 57-2 | 96- |
| 48-1 | 125-3 | 14908-8 | 125-0 | -69-2 | 99-9 | 294-0 | 35-5 | 32-4 | -15-4 | 387-9 | 999-9 | 99-9 | 99-9 | 65-2 | 99- |
| 53-1 | 131-7 | 16331-7 | 100-0 | -64-2 | 99-9 | 303-5 | 39-9 | 33-3 | -22-0 | 403-7 | 999-9 | 99-9 | 99-9 | 73-9 | 102- |
| 58-0 | 140-3 | 18094-4 | 75-0 | -62-6 | 99-9 | 303-7 | 6-6 | 5-6 | -3-8 | 441-6 | 999-9 | 99-9 | 99-9 | 75-2 | 104- |
| 67-2 | 146-3 | 20430-8 | 50-0 | -58-0 | 99-9 | 307-3 | 7-5 | 6-0 | -9-6 | 507-0 | 999-9 | 99-9 | 99-9 | 83-2 | 105- |
| 80-1 | 150-3 | 25059-1 | 25-0 | -54-1 | 99-9 | 999-9 | 99-9 | 99-9 | 99-9 | 629-6 | 999-9 | 99-9 | 99-9 | 99-9 | 99-9 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 425
MOUNTING TCH. WVA23 APRIL 1975
2315 GMT

| TIME MIN | CATCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT V DG K | E POT V DG K | MR RTO GMS/KG | MR PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|-------------|-----------|
| 0.0 | 0.0 | 266.0 | 988.5 | 14.4 | 10.0 | 190.0 | 8.2 | 1.4 | 8.1 | 289.5 | 310.0 | 7.9 | 75.0 | 0.0 | 0. |
| 0.1 | 99.9 | 1000.0 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 0.1 | 362.2 | 975.0 | 13.6 | 9.1 | 188.0 | 21.9 | 3.4 | 21.6 | 289.0 | 309.3 | 7.8 | 74.5 | 0.4 | 11. |
| 1.2 | 10.4 | 821.0 | 950.0 | 12.8 | 6.3 | 198.2 | 24.2 | 7.6 | 23.0 | 291.0 | 307.7 | 6.3 | 64.5 | 1.3 | 12. |
| 2.1 | 12.5 | 804.7 | 925.0 | 11.8 | 5.5 | 204.8 | 30.9 | 13.0 | 28.0 | 292.2 | 308.6 | 6.2 | 65.4 | 2.7 | 14. |
| 2.9 | 14.9 | 1033.2 | 900.0 | 9.7 | 3.9 | 207.9 | 29.9 | 14.0 | 24.5 | 292.3 | 307.4 | 5.6 | 66.9 | 4.2 | 21. |
| 3.7 | 17.1 | 1267.0 | 875.0 | 8.7 | 4.6 | 212.3 | 29.1 | 15.5 | 24.6 | 293.6 | 310.0 | 6.1 | 78.6 | 5.7 | 23. |
| 4.5 | 19.6 | 1506.8 | 850.0 | 7.7 | 5.5 | 220.4 | 30.5 | 14.8 | 23.2 | 295.1 | 313.2 | 6.7 | 86.4 | 7.4 | 25. |
| 5.2 | 21.8 | 1753.5 | 825.0 | 7.5 | 7.0 | 230.1 | 33.5 | 25.7 | 21.5 | 297.5 | 316.2 | 7.7 | 96.6 | 8.4 | 26. |
| 6.2 | 24.4 | 2000.2 | 800.0 | 6.6 | 6.4 | 243.1 | 31.3 | 27.9 | 14.1 | 299.1 | 319.7 | 7.6 | 98.7 | 10.0 | 34. |
| 7.1 | 26.7 | 2250.0 | 775.0 | 5.6 | 3.9 | 253.2 | 31.7 | 30.3 | 9.2 | 300.7 | 318.8 | 6.6 | 88.6 | 11.5 | 36. |
| 8.0 | 29.3 | 2536.0 | 750.0 | 4.1 | 2.2 | 256.2 | 31.9 | 31.3 | 4.5 | 301.6 | 318.5 | 6.0 | 87.7 | 13.0 | 44. |
| 9.0 | 32.0 | 2811.5 | 725.0 | 2.6 | 1.0 | 263.2 | 30.6 | 30.4 | 3.6 | 303.0 | 317.9 | 6.0 | 94.6 | 14.6 | 47. |
| 9.9 | 34.7 | 3095.2 | 700.0 | 1.1 | 0.7 | 266.6 | 30.5 | 30.5 | 1.0 | 304.5 | 320.9 | 5.8 | 97.2 | 15.9 | 52. |
| 10.0 | 37.2 | 3382.1 | 675.0 | 0.3 | -0.0 | 277.2 | 27.0 | 26.8 | -3.4 | 306.7 | 322.0 | 5.7 | 97.3 | 17.1 | 55. |
| 11.8 | 40.6 | 3690.2 | 650.0 | -1.6 | -1.9 | 280.9 | 27.7 | 27.2 | -8.2 | 307.8 | 322.5 | 5.1 | 97.7 | 18.3 | 56. |
| 12.9 | 42.7 | 4027.7 | 625.0 | -3.1 | -3.4 | 282.0 | 31.0 | 30.3 | -6.4 | 309.5 | 323.4 | 4.8 | 97.5 | 19.6 | 62. |
| 13.9 | 45.6 | 4325.1 | 600.0 | -5.1 | -5.8 | 283.6 | 33.6 | 32.6 | -7.9 | 310.7 | 323.0 | 4.2 | 95.0 | 21.4 | 66. |
| 15.2 | 48.4 | 4658.9 | 575.0 | -7.0 | -7.9 | 284.2 | 33.5 | 32.5 | -9.2 | 312.2 | 323.2 | 3.7 | 93.8 | 23.5 | 74. |
| 16.5 | 51.4 | 5005.0 | 550.0 | -8.7 | -9.4 | 284.9 | 29.1 | 28.2 | -7.5 | 314.2 | 324.5 | 3.4 | 94.7 | 25.4 | 73. |
| 17.4 | 54.6 | 5345.0 | 525.0 | -10.5 | -11.1 | 279.4 | 31.6 | 31.2 | -5.2 | 316.1 | 325.7 | 3.1 | 95.3 | 27.4 | 75. |
| 19.0 | 57.6 | 5739.5 | 500.0 | -12.7 | -14.1 | 275.7 | 32.2 | 32.0 | -3.2 | 317.8 | 325.9 | 2.6 | 89.3 | 29.4 | 77. |
| 20.4 | 61.0 | 6129.2 | 475.0 | -15.2 | -16.7 | 276.1 | 27.9 | 27.7 | -3.0 | 319.3 | 326.3 | 2.2 | 88.6 | 32.2 | 79. |
| 21.5 | 64.6 | 6535.9 | 450.0 | -18.2 | -19.9 | 274.3 | 26.6 | 26.5 | -2.5 | 320.0 | 326.2 | 1.6 | 86.6 | 34.4 | 80. |
| 23.1 | 67.7 | 6953.9 | 425.0 | -21.1 | -23.0 | 275.4 | 26.6 | 26.5 | -2.5 | 322.1 | 326.8 | 1.4 | 84.4 | 36.3 | 81. |
| 24.5 | 71.3 | 7402.7 | 400.0 | -24.0 | -26.8 | 277.2 | 23.6 | 23.4 | -3.0 | 323.1 | 326.7 | 1.1 | 81.9 | 38.6 | 81. |
| 25.9 | 74.9 | 7872.3 | 375.0 | -28.1 | -30.3 | 272.8 | 23.6 | 23.5 | -1.1 | 324.6 | 327.2 | 0.8 | 81.6 | 40.4 | 82. |
| 27.1 | 78.8 | 8302.7 | 350.0 | -32.0 | -35.1 | 270.0 | 23.2 | 23.2 | 0.0 | 325.6 | 327.5 | 0.8 | 72.1 | 42.3 | 82. |
| 28.9 | 82.8 | 8802.3 | 325.0 | -34.6 | -40.6 | 264.3 | 20.0 | 27.9 | 2.8 | 326.2 | 327.4 | 0.3 | 60.2 | 44.4 | 83. |
| 30.5 | 87.2 | 9431.4 | 300.0 | -41.3 | -49.9 | 265.0 | 25.4 | 25.3 | 2.0 | 327.2 | 327.9 | 0.9 | 57.5 | 47.1 | 87. |
| 32.1 | 91.4 | 10016.5 | 275.0 | -45.9 | -57.9 | 264.1 | 34.8 | 34.8 | 3.6 | 328.7 | 328.9 | 0.9 | 50.2 | 50.2 | 83. |
| 33.9 | 94.2 | 10602.3 | 250.0 | -51.9 | -61.9 | 262.4 | 37.2 | 36.9 | 4.9 | 329.8 | 329.9 | 0.9 | 54.5 | 54.5 | 83. |
| 36.2 | 101.2 | 11315.9 | 225.0 | -57.9 | -67.9 | 260.4 | 34.4 | 34.4 | 2.1 | 329.8 | 329.9 | 0.9 | 58.4 | 58.4 | 83. |
| 38.5 | 104.9 | 12022.3 | 200.0 | -61.7 | -70.0 | 278.7 | 42.0 | 42.1 | -6.4 | 335.0 | 329.9 | 0.9 | 64.2 | 64.2 | 84. |
| 41.0 | 112.5 | 12874.5 | 175.0 | -62.1 | -69.9 | 271.3 | 44.0 | 44.0 | -8.0 | 336.2 | 329.9 | 0.9 | 65.5 | 65.5 | 85. |
| 43.7 | 116.3 | 13644.1 | 150.0 | -54.5 | -59.9 | 268.5 | 41.7 | 39.5 | -13.2 | 376.2 | 329.9 | 0.9 | 77.0 | 77.0 | 87. |
| 46.7 | 126.0 | 15004.0 | 125.0 | -38.5 | -39.9 | 291.4 | 27.2 | 25.3 | -10.1 | 309.0 | 329.9 | 0.9 | 83.1 | 83.1 | 87. |
| 51.8 | 134.3 | 16355.0 | 100.0 | -45.6 | -49.9 | 278.2 | 28.9 | 28.6 | -4.1 | 400.6 | 329.9 | 0.9 | 90.4 | 90.4 | 90. |
| 56.6 | 142.3 | 18136.4 | 75.0 | -63.9 | -69.9 | 303.3 | 8.0 | 0.7 | -4.4 | 439.0 | 329.9 | 0.9 | 98.9 | 98.9 | 92. |
| 57.9 | 150.5 | 20400.4 | 50.0 | -57.7 | -69.9 | 69.4 | 2.0 | -1.8 | -0.7 | 507.0 | 329.9 | 0.9 | 99.9 | 102.4 | 92. |
| 61.7 | 156.3 | 23118.3 | 25.0 | -50.6 | -69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 639.0 | 329.9 | 0.9 | 99.9 | 99.9 | 99.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429
CAYTON, OHIO

23 APRIL 1975
2315 GMT

130 52.0 0

| TIME MIN | CNTCT | WEIGHT G/H | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PWT T DEG K | E POT T DEG K | MR HTD CM/KG | RM PCY | RANGE NM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 00.0 | 0.7 | 292.7 | 978.5 | 13.9 | 12.1 | 200.0 | 7.2 | 2.5 | 6.8 | 250.0 | 313.7 | 9.1 | 89.0 | 6.0 | 0.0 |
| 00.0 | 0.0 | 99.0 | 1000.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 00.2 | 0.1 | 225.3 | 975.0 | 14.2 | 11.2 | 99.0 | 99.0 | 99.0 | 99.0 | 250.0 | 313.0 | 0.6 | 82.0 | 99.0 | 33.0 |
| 1.0 | 11.2 | 54.0.5 | 950.0 | 12.5 | 11.3 | 99.0 | 99.0 | 99.0 | 99.0 | 291.1 | 314.3 | 0.0 | 92.5 | 99.0 | 99.0 |
| 1.0 | 13.8 | 771.1 | 925.0 | 10.0 | 10.3 | 224.0 | 21.1 | 14.9 | 15.0 | 291.5 | 313.9 | 0.6 | 96.0 | 1.7 | 15.0 |
| 2.0 | 15.0 | 950.0 | 900.0 | 10.0 | 9.0 | 230.7 | 26.7 | 20.7 | 16.5 | 292.9 | 315.0 | 0.4 | 96.0 | 2.9 | 0.0 |
| 2.0 | 17.0 | 1234.1 | 875.0 | 0.0 | 0.0 | 238.5 | 27.7 | 23.4 | 14.5 | 254.0 | 315.1 | 7.5 | 94.0 | 4.2 | 0.0 |
| 4.0 | 20.3 | 1474.3 | 850.0 | 0.0 | 2.2 | 237.7 | 22.4 | 21.9 | 4.0 | 296.0 | 319.5 | 5.3 | 64.0 | 7.5 | 50.0 |
| 5.0 | 22.5 | 1722.5 | 825.0 | 10.1 | -1.4 | 280.5 | 15.6 | 15.3 | -2.8 | 296.0 | 311.7 | 4.2 | 44.0 | 7.0 | 5.0 |
| 6.0 | 25.0 | 1972.5 | 800.0 | 0.2 | -1.9 | 285.3 | 17.0 | 17.1 | -4.7 | 300.4 | 312.3 | 4.2 | 44.0 | 7.0 | 5.0 |
| 7.0 | 27.3 | 2232.3 | 775.0 | 6.5 | -1.4 | 293.0 | 18.3 | 16.7 | -7.4 | 301.6 | 314.1 | 4.5 | 50.0 | 7.0 | 5.0 |
| 8.0 | 29.5 | 2502.7 | 750.0 | 4.7 | -2.0 | 285.3 | 20.0 | 19.2 | -3.0 | 302.3 | 314.9 | 4.4 | 61.0 | 6.6 | 7.0 |
| 9.2 | 32.3 | 2782.6 | 725.0 | 2.9 | -2.1 | 280.4 | 20.0 | 20.3 | -2.7 | 303.2 | 318.1 | 4.5 | 69.7 | 9.6 | 7.0 |
| 10.2 | 35.0 | 3067.1 | 700.0 | 1.0 | -3.5 | 281.0 | 19.0 | 19.4 | -4.0 | 305.0 | 317.2 | 4.2 | 67.7 | 10.7 | 7.0 |
| 11.3 | 37.4 | 3340.3 | 675.0 | 0.6 | -14.0 | 288.0 | 19.0 | 18.0 | -4.2 | 306.6 | 311.5 | 1.6 | 26.7 | 11.8 | 82.0 |
| 12.5 | 40.2 | 3602.3 | 650.0 | -0.5 | -50.3 | 285.2 | 20.9 | 20.1 | -5.5 | 308.3 | 309.5 | 0.1 | 1.0 | 17.1 | 86.0 |
| 13.0 | 42.8 | 3875.0 | 625.0 | -1.2 | -50.7 | 288.0 | 23.2 | 22.1 | -7.2 | 311.1 | 311.3 | 0.1 | 1.0 | 17.1 | 86.0 |
| 15.1 | 45.7 | 4295.0 | 600.0 | -3.4 | -52.1 | 292.0 | 23.6 | 21.9 | -9.4 | 312.1 | 312.3 | 0.0 | 1.0 | 16.4 | 86.0 |
| 16.3 | 48.0 | 4633.5 | 575.0 | -6.3 | -53.0 | 294.5 | 21.0 | 20.0 | -9.1 | 312.5 | 312.7 | 0.0 | 1.0 | 17.9 | 92.0 |
| 17.6 | 51.4 | 4970.9 | 550.0 | -9.3 | -55.0 | 288.3 | 22.5 | 21.3 | -7.1 | 313.1 | 313.2 | 0.0 | 1.0 | 19.7 | 93.0 |
| 19.0 | 54.5 | 5337.3 | 525.0 | -11.3 | -60.4 | 295.3 | 21.5 | 19.5 | -6.2 | 315.0 | 315.2 | 0.1 | 3.7 | 21.3 | 95.0 |
| 20.2 | 57.4 | 5705.5 | 500.0 | -14.3 | -68.3 | 300.0 | 22.4 | 19.4 | -11.2 | 315.6 | 315.9 | 0.1 | 3.7 | 22.9 | 94.0 |
| 21.4 | 60.7 | 6055.0 | 475.0 | -17.0 | -60.0 | 294.5 | 25.0 | 22.0 | -16.4 | 316.9 | 316.0 | 0.2 | 12.3 | 24.5 | 94.0 |
| 23.0 | 64.1 | 6417.7 | 450.0 | -20.0 | -31.9 | 283.9 | 32.1 | 31.1 | -7.7 | 317.1 | 319.1 | 0.6 | 35.9 | 27.2 | 94.0 |
| 24.4 | 67.3 | 6617.0 | 425.0 | -23.0 | -31.6 | 272.5 | 35.9 | 35.9 | -1.6 | 318.5 | 320.6 | 0.6 | 48.2 | 29.8 | 94.0 |
| 26.0 | 70.8 | 7358.1 | 400.0 | -26.8 | -39.0 | 254.5 | 34.1 | 33.6 | 0.0 | 320.2 | 321.3 | 0.3 | 30.7 | 32.1 | 94.0 |
| 27.5 | 74.3 | 7821.5 | 375.0 | -29.3 | -50.5 | 254.7 | 36.4 | 35.1 | 9.6 | 322.0 | 323.0 | 0.1 | 5.6 | 36.3 | 94.0 |
| 29.2 | 78.3 | 8310.0 | 350.0 | -32.0 | -71.0 | 251.5 | 32.2 | 30.6 | 10.2 | 324.5 | 324.5 | 0.0 | 1.0 | 39.5 | 94.0 |
| 31.0 | 82.1 | 8827.0 | 325.0 | -37.4 | -74.1 | 255.4 | 36.1 | 34.9 | 9.1 | 325.0 | 325.0 | 0.0 | 1.0 | 42.7 | 92.0 |
| 32.8 | 86.3 | 9374.3 | 300.0 | -42.2 | 99.9 | 256.0 | 37.0 | 35.9 | 9.0 | 325.0 | 325.0 | 0.0 | 99.0 | 46.0 | 91.0 |
| 34.7 | 90.0 | 9550.7 | 275.0 | -47.2 | 99.9 | 259.0 | 34.9 | 34.3 | 6.7 | 326.9 | 326.9 | 0.0 | 99.0 | 51.0 | 90.0 |
| 36.9 | 93.0 | 13590.0 | 250.0 | -51.9 | 99.9 | 261.0 | 41.2 | 40.7 | 6.0 | 328.9 | 328.9 | 0.0 | 99.0 | 53.0 | 84.0 |
| 39.1 | 96.0 | 11758.9 | 225.0 | -56.1 | 99.9 | 264.0 | 48.5 | 46.2 | 4.6 | 332.6 | 332.6 | 0.0 | 99.0 | 62.0 | 88.0 |
| 41.9 | 105.0 | 11552.4 | 200.0 | -61.3 | 99.9 | 266.7 | 40.0 | 40.5 | 0.9 | 336.7 | 336.7 | 0.0 | 99.0 | 67.7 | 89.0 |
| 44.4 | 110.0 | 12422.4 | 175.0 | -61.3 | 99.9 | 267.2 | 42.0 | 42.4 | 2.1 | 340.5 | 340.5 | 0.0 | 99.0 | 74.5 | 89.0 |
| 47.5 | 116.0 | 13793.3 | 150.0 | -59.1 | 99.9 | 284.3 | 32.0 | 31.9 | -8.2 | 370.0 | 370.0 | 0.0 | 99.0 | 81.7 | 89.0 |
| 51.2 | 123.3 | 145.1.0 | 125.0 | -57.0 | 99.9 | 277.1 | 30.0 | 30.3 | -3.0 | 380.2 | 380.2 | 0.0 | 99.0 | 84.4 | 90.0 |
| 55.3 | 129.5 | 16340.9 | 100.0 | -61.0 | 99.9 | 274.1 | 27.0 | 27.7 | -2.0 | 406.3 | 406.3 | 0.0 | 99.0 | 97.4 | 90.0 |
| 60.7 | 136.3 | 16111.0 | 75.0 | -62.9 | 99.9 | 278.5 | 11.3 | 11.2 | -1.7 | 431.0 | 431.0 | 0.0 | 99.0 | 104.1 | 91.0 |
| 66.9 | 99.0 | 99.0 | 50.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 99.0 | 99.0 | 99.0 | 25.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |

0.0 V SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
0.1 TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
0.0 V SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 433
SALEM, ILL23 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DEG C | WIND G C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WIND CM/RS | RM PCT | RANGE NM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-------------|------------|----------------|-----------------|-----------------|---------------|-----------------|---------------|-----------|-------------|-----------|
| 00 | 5.1 | 175.0 | 999.4 | 20.0 | 12.3 | 176.0 | 8.0 | -1.5 | 0.7 | 2.5.3 | 319.4 | 9.1 | 61.0 | 130 | 105.0 |
| 01 | 49.0 | 96.0 | 1000.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 02 | 6.6 | 301.0 | 975.0 | 19.0 | 13.0 | 178.0 | 17.0 | -0.4 | 17.9 | 255.0 | 321.6 | 9.7 | 60.5 | 0.4 | 350.0 |
| 03 | 1.0 | 325.0 | 950.0 | 19.0 | 13.2 | 182.1 | 18.7 | 1.7 | 18.6 | 267.9 | 325.9 | 10.1 | 69.1 | 0.9 | 350.0 |
| 04 | 11.7 | 754.9 | 925.0 | 18.3 | 13.5 | 197.7 | 19.4 | 5.9 | 18.5 | 249.5 | 327.9 | 10.0 | 73.6 | 1.6 | 5.0 |
| 05 | 2.6 | 12.4 | 900.0 | 18.0 | 12.9 | 192.4 | 17.3 | 5.5 | 18.4 | 300.2 | 328.3 | 10.5 | 77.6 | 2.0 | 9.0 |
| 06 | 3.3 | 15.4 | 875.0 | 15.0 | 11.9 | 205.7 | 16.6 | 0.2 | 14.5 | 301.3 | 328.6 | 10.1 | 78.0 | 3.5 | 12.0 |
| 07 | 17.9 | 1476.0 | 850.0 | 14.0 | 11.9 | 225.2 | 14.9 | 10.5 | 10.5 | 302.2 | 330.4 | 10.4 | 87.3 | 4.2 | 16.0 |
| 08 | 4.9 | 1728.0 | 825.0 | 12.3 | 11.3 | 234.4 | 14.1 | 12.0 | 7.4 | 303.0 | 330.3 | 10.0 | 91.3 | 4.7 | 21.0 |
| 09 | 22.0 | 1506.1 | 800.0 | 10.9 | 9.6 | 246.0 | 15.7 | 14.4 | 6.2 | 304.0 | 330.0 | 9.5 | 92.1 | 5.3 | 26.0 |
| 10 | 25.2 | 2251.2 | 775.0 | 9.7 | 7.5 | 256.2 | 17.3 | 16.8 | 4.1 | 305.3 | 328.6 | 8.4 | 86.2 | 5.8 | 31.0 |
| 11 | 27.5 | 2423.4 | 750.0 | 8.2 | 4.6 | 263.7 | 19.9 | 19.7 | 2.2 | 306.5 | 328.6 | 7.2 | 78.0 | 6.4 | 37.0 |
| 12 | 0.2 | 3003.4 | 725.0 | 7.7 | -5.6 | 267.5 | 21.0 | 21.8 | 0.9 | 307.7 | 315.9 | 3.5 | 30.6 | 7.2 | 44.0 |
| 13 | 9.1 | 3091.6 | 700.0 | 6.3 | -12.9 | 269.5 | 21.7 | 21.7 | 0.2 | 309.7 | 315.9 | 2.0 | 21.8 | 8.1 | 50.0 |
| 14 | 10.0 | 3368.9 | 675.0 | 4.3 | -15.5 | 275.2 | 21.7 | 21.6 | -2.0 | 310.7 | 316.0 | 1.7 | 21.9 | 9.1 | 55.0 |
| 15 | 11.3 | 3694.6 | 650.0 | 2.1 | -17.3 | 276.4 | 22.2 | 22.3 | -2.5 | 311.5 | 316.2 | 1.5 | 22.1 | 10.1 | 60.0 |
| 16 | 12.0 | 4006.8 | 625.0 | -0.1 | -21.9 | 277.7 | 20.6 | 20.5 | -2.8 | 312.4 | 315.9 | 1.1 | 17.5 | 11.2 | 64.0 |
| 17 | 13.1 | 4334.6 | 600.0 | -3.2 | -22.1 | 278.2 | 20.1 | 19.9 | -2.9 | 312.4 | 315.9 | 1.1 | 17.5 | 12.3 | 64.0 |
| 18 | 14.2 | 4609.4 | 575.0 | -6.4 | -20.3 | 274.4 | 20.8 | 20.7 | -1.6 | 312.4 | 316.9 | 1.3 | 32.4 | 13.5 | 71.0 |
| 19 | 15.1 | 5015.1 | 550.0 | -9.3 | -20.0 | 270.1 | 21.5 | 21.6 | -0.0 | 313.2 | 317.1 | 1.4 | 41.4 | 14.0 | 73.0 |
| 20 | 16.6 | 5372.8 | 525.0 | -12.7 | -19.4 | 265.1 | 25.0 | 24.7 | 3.8 | 313.3 | 318.2 | 1.6 | 57.0 | 16.4 | 74.0 |
| 21 | 17.7 | 5743.0 | 500.0 | -15.0 | -20.5 | 257.0 | 27.1 | 26.4 | 6.1 | 313.9 | 318.7 | 1.5 | 65.8 | 18.2 | 74.0 |
| 22 | 19.0 | 6127.0 | 475.0 | -18.4 | -22.2 | 260.7 | 29.8 | 29.4 | 4.8 | 314.5 | 318.5 | 1.4 | 78.2 | 20.5 | 75.0 |
| 23 | 20.3 | 6522.7 | 450.0 | -22.9 | -24.2 | 259.4 | 29.4 | 28.9 | 4.4 | 314.5 | 318.4 | 1.2 | 89.7 | 22.9 | 75.0 |
| 24 | 21.6 | 6843.2 | 425.0 | -26.1 | -27.6 | 260.3 | 29.0 | 28.6 | 4.9 | 315.6 | 318.7 | 0.9 | 86.8 | 25.1 | 76.0 |
| 25 | 23.3 | 7378.9 | 400.0 | -28.0 | -40.1 | 269.0 | 33.0 | 33.0 | 0.6 | 317.5 | 318.5 | 0.3 | 32.3 | 27.6 | 76.0 |
| 26 | 24.7 | 7801.9 | 375.0 | -29.6 | -44.4 | 270.7 | 37.3 | 37.3 | -0.5 | 322.4 | 323.1 | 0.2 | 22.0 | 30.8 | 78.0 |
| 27 | 26.1 | 8330.0 | 350.0 | -33.0 | -47.2 | 276.1 | 37.6 | 37.6 | 1.3 | 323.1 | 323.7 | 0.1 | 24.0 | 34.2 | 79.0 |
| 28 | 27.8 | 8843.5 | 325.0 | -37.7 | -50.7 | 267.5 | 42.3 | 42.3 | 1.9 | 324.6 | 325.0 | 1.1 | 24.0 | 34.2 | 79.0 |
| 29 | 29.0 | 9391.3 | 300.0 | -42.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 325.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 30 | 30.4 | 9718.9 | 275.0 | -45.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 326.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 31 | 31.4 | 10635.9 | 250.0 | -48.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 326.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 32 | 32.4 | 11227.4 | 225.0 | -52.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 330.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 33 | 33.4 | 12031.2 | 200.0 | -50.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 337.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34 | 34.4 | 12808.0 | 175.0 | -60.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 350.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 35 | 35.4 | 13636.5 | 150.0 | -57.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 370.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 36 | 36.7 | 14401.2 | 125.0 | -57.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 393.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 37 | 37.7 | 15100.0 | 100.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 38 | 38.7 | 15800.0 | 75.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 39 | 39.7 | 16500.0 | 50.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 40 | 40.7 | 17200.0 | 25.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 41 | 41.7 | 17900.0 | 0.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 42 | 42.7 | 18600.0 | 0.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 43 | 43.7 | 19300.0 | 0.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 44 | 44.7 | 20000.0 | 0.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 45 | 45.7 | 20700.0 | 0.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 46 | 46.7 | 21400.0 | 0.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 47 | 47.7 | 22100.0 | 0.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 48 | 48.7 | 22800.0 | 0.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 49 | 49.7 | 23500.0 | 0.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 50 | 50.7 | 24200.0 | 0.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 51 | 51.7 | 24900.0 | 0.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 52 | 52.7 | 25600.0 | 0.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 53 | 53.7 | 26300.0 | 0.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 54 | 54.7 | 27000.0 | 0.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 55 | 55.7 | 27700.0 | 0.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 56 | 56.7 | 28400.0 | 0.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 57 | 57.7 | 29100.0 | 0.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 58 | 58.7 | 29800.0 | 0.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 59 | 59.7 | 30500.0 | 0.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 60 | 60.7 | 31200.0 | 0.0 | -59.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

ORIGINAL PAGE IS

STATION NO. 451
DODGE CITY, KAN

2 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | 1' COMP M/SEC | V COMP M/SEC | POT T DEG K | MR RTO CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|------------------|-----------------|----------------|-----------------|-----------|-------------|-----------|
| 0.0 | 14.1 | 791.0 | 913.4 | 30.6 | 1.0 | 210.0 | 9.3 | 4.6 | 8.1 | 312.4 | 4.8 | 13.0 | 0.0 | 0.0 |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 01.0 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 01.1 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 01.2 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 01.3 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 01.4 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 01.5 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 01.6 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 01.7 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 01.8 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 01.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 02.0 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 02.1 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 02.2 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 02.3 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 02.4 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 02.5 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 02.6 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 02.7 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 02.8 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 02.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 03.0 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 03.1 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 03.2 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 03.3 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 03.4 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 03.5 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 03.6 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 03.7 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 03.8 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 03.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 04.0 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 04.1 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 04.2 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 04.3 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 04.4 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 04.5 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 04.6 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 04.7 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 04.8 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 04.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 05.0 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 05.1 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 05.2 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 05.3 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 05.4 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 05.5 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 05.6 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 05.7 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 05.8 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 05.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 06.0 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 1 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 2 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 456
TOPENNA, KAN23 APRIL 1975
2337 GMT

| VIVE MIN | CNTCT | WEIGHT GMM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.8 | 268.0 | 971.0 | 32.2 | 17.7 | 220.0 | 5.2 | 3.3 | 4.0 | 309.8 | 346.4 | 13.2 | 42.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.6 | 8.5 | 463.2 | 950.0 | 28.1 | 15.6 | 199.1 | 10.9 | 3.6 | 10.3 | 307.4 | 340.0 | 11.9 | 46.6 | 0.4 | 47. |
| 1.2 | 10.5 | 652.6 | 925.0 | 26.2 | 15.6 | 206.4 | 12.4 | 5.5 | 11.1 | 307.8 | 341.4 | 12.2 | 52.2 | 0.8 | 34. |
| 2.0 | 12.6 | 540.4 | 900.0 | 23.5 | 14.1 | 213.5 | 12.9 | 7.1 | 10.8 | 307.3 | 338.6 | 11.4 | 55.8 | 1.4 | 32. |
| 3.0 | 14.9 | 1125.8 | 875.0 | 21.3 | 13.4 | 222.5 | 14.6 | 9.8 | 10.7 | 307.4 | 338.3 | 11.2 | 61.0 | 2.2 | 34. |
| 3.8 | 16.7 | 1438.5 | 850.0 | 18.9 | 12.6 | 230.8 | 13.0 | 10.1 | 8.2 | 307.4 | 337.5 | 10.9 | 66.6 | 2.8 | 37. |
| 4.5 | 19.0 | 1692.5 | 825.0 | 16.8 | 11.7 | 235.1 | 14.0 | 11.5 | 7.0 | 307.8 | 337.1 | 10.6 | 72.1 | 3.4 | 40. |
| 5.2 | 21.0 | 1954.3 | 800.0 | 14.6 | 10.8 | 242.4 | 11.0 | 9.8 | 5.1 | 308.1 | 336.6 | 10.3 | 78.0 | 3.9 | 42. |
| 6.1 | 23.4 | 2222.3 | 775.0 | 11.9 | 10.4 | 250.2 | 11.3 | 10.6 | 3.8 | 307.9 | 336.5 | 10.3 | 84.6 | 4.4 | 45. |
| 7.0 | 25.6 | 2438.6 | 750.0 | 9.5 | 6.7 | 260.4 | 11.6 | 11.5 | 1.9 | 308.0 | 336.2 | 8.3 | 88.5 | 4.9 | 49. |
| 8.1 | 27.9 | 2777.3 | 725.0 | 7.7 | -0.8 | 260.9 | 13.7 | 13.5 | 2.2 | 308.6 | 323.1 | 5.0 | 94.9 | 5.6 | 54. |
| 9.2 | 30.4 | 3066.0 | 700.0 | 6.4 | -9.9 | 257.9 | 14.8 | 14.5 | 3.1 | 309.9 | 317.8 | 2.6 | 104.4 | 6.3 | 57. |
| 10.2 | 32.0 | 3363.0 | 675.0 | 4.4 | -16.2 | 250.9 | 17.6 | 16.6 | 5.8 | 310.8 | 315.8 | 1.6 | 120.7 | 7.4 | 59. |
| 11.1 | 35.5 | 3665.1 | 650.0 | 2.2 | -16.9 | 246.4 | 20.5 | 16.8 | 8.2 | 311.6 | 315.6 | 1.6 | 128.6 | 8.5 | 61. |
| 12.3 | 38.0 | 3983.7 | 625.0 | -1.0 | -17.6 | 241.9 | 21.4 | 18.8 | 10.0 | 311.6 | 316.3 | 1.5 | 136.9 | 10.3 | 61. |
| 13.5 | 40.6 | 4307.8 | 600.0 | -4.1 | -19.1 | 242.3 | 22.2 | 19.7 | 10.3 | 311.6 | 316.0 | 1.4 | 145.7 | 11.6 | 61. |
| 14.7 | 43.3 | 4641.3 | 575.0 | -7.2 | -22.1 | 243.2 | 24.5 | 21.9 | 11.1 | 311.7 | 315.3 | 1.1 | 154.3 | 13.2 | 61. |
| 15.9 | 46.2 | 4975.9 | 550.0 | -10.1 | -25.2 | 245.3 | 22.7 | 20.6 | 9.5 | 312.1 | 314.2 | 0.6 | 163.1 | 14.8 | 62. |
| 16.9 | 49.1 | 5322.4 | 525.0 | -13.2 | -28.3 | 247.2 | 23.5 | 21.7 | 9.1 | 312.5 | 314.9 | 0.7 | 172.0 | 16.4 | 62. |
| 18.1 | 52.0 | 5713.0 | 500.0 | -14.3 | -34.9 | 250.5 | 23.2 | 21.9 | 7.8 | 315.6 | 317.0 | 0.4 | 181.0 | 18.0 | 64. |
| 19.2 | 54.0 | 6101.1 | 475.0 | -16.1 | -36.6 | 250.1 | 21.4 | 21.1 | 3.7 | 318.1 | 319.3 | 0.3 | 190.4 | 19.4 | 64. |
| 20.4 | 58.0 | 6505.5 | 450.0 | -19.6 | -40.0 | 255.6 | 22.3 | 22.3 | 1.7 | 318.6 | 319.5 | 0.3 | 200.9 | 20.9 | 65. |
| 21.9 | 61.4 | 6927.7 | 425.0 | -22.5 | -40.8 | 265.4 | 27.2 | 27.2 | 1.7 | 320.2 | 321.1 | 0.2 | 210.9 | 22.9 | 67. |
| 23.6 | 64.9 | 7370.1 | 400.0 | -25.5 | -39.0 | 268.3 | 26.8 | 26.7 | 2.7 | 321.8 | 322.9 | 0.3 | 220.9 | 25.6 | 69. |
| 25.2 | 68.3 | 7834.9 | 375.0 | -29.4 | -40.1 | 268.1 | 29.8 | 29.5 | 4.1 | 322.7 | 323.8 | 0.3 | 230.9 | 28.3 | 70. |
| 26.9 | 71.8 | 8323.2 | 350.0 | -33.6 | -43.0 | 261.6 | 28.0 | 27.7 | 4.1 | 323.3 | 324.2 | 0.2 | 240.9 | 31.2 | 71. |
| 28.8 | 75.8 | 8838.1 | 325.0 | -38.3 | -47.6 | 261.2 | 32.4 | 32.0 | 4.9 | 323.7 | 324.3 | 0.2 | 250.9 | 34.6 | 72. |
| 31.2 | 80.0 | 9385.5 | 300.0 | -40.9 | 99.9 | 267.8 | 37.0 | 36.9 | 1.4 | 327.8 | 999.9 | 99.9 | 260.9 | 36.7 | 74. |
| 33.1 | 84.2 | 9973.0 | 275.0 | -45.3 | 99.9 | 268.3 | 41.1 | 41.1 | 1.2 | 329.7 | 999.9 | 99.9 | 270.9 | 43.8 | 75. |
| 35.0 | 88.8 | 10601.7 | 250.0 | -50.1 | 99.9 | 264.6 | 46.8 | 46.6 | 4.4 | 331.7 | 999.9 | 99.9 | 280.9 | 46.9 | 77. |
| 37.0 | 94.0 | 11281.5 | 225.0 | -55.5 | 99.9 | 263.6 | 51.9 | 51.6 | 5.8 | 333.5 | 999.9 | 99.9 | 290.9 | 54.3 | 77. |
| 39.5 | 99.2 | 12028.2 | 200.0 | -59.5 | 99.9 | 261.5 | 47.2 | 46.7 | 7.0 | 336.6 | 999.9 | 99.9 | 300.9 | 61.5 | 78. |
| 42.8 | 105.0 | 12863.2 | 175.0 | -58.4 | 99.9 | 267.2 | 40.1 | 40.1 | 1.9 | 333.6 | 999.9 | 99.9 | 310.9 | 68.9 | 78. |
| 46.1 | 111.7 | 13628.0 | 150.0 | -60.2 | 99.9 | 265.7 | 28.4 | 28.3 | 2.1 | 366.3 | 999.9 | 99.9 | 320.9 | 75.7 | 79. |
| 51.3 | 119.3 | 14970.8 | 125.0 | -58.0 | 99.9 | 254.2 | 35.0 | 33.7 | 9.5 | 389.9 | 999.9 | 99.9 | 330.9 | 85.1 | 79. |
| 56.6 | 127.7 | 16367.2 | 100.0 | -59.8 | 99.9 | 251.4 | 24.7 | 23.5 | 7.9 | 412.3 | 999.9 | 99.9 | 340.9 | 95.1 | 78. |
| 63.0 | 137.3 | 18141.7 | 75.0 | -64.3 | 99.9 | 221.7 | 11.9 | 7.9 | 8.9 | 438.1 | 999.9 | 99.9 | 350.9 | 101.0 | 77. |
| 73.2 | 147.5 | 20665.8 | 50.0 | -66.5 | 99.9 | 227.5 | 7.1 | 6.5 | 2.7 | 510.4 | 999.9 | 99.9 | 360.9 | 106.7 | 77. |
| 89.6 | 158.3 | 25129.7 | 25.0 | -50.0 | 99.9 | 328.4 | 4.5 | 2.3 | -3.8 | 641.4 | 999.9 | 99.9 | 370.9 | 109.3 | 78. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 480
FORT TOTTEN, N Y

23 APRIL 1975
2315 GMT

181 21.0 0

| TIME MIN | CATCY | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCOMP M/SEC | POT T DG K | E POT T DG K | MX RTO GI MG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|------------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 3.9 | 8.0 | 1023.2 | 10.2 | -3.5 | 999.9 | 99.9 | 99.9 | 99.9 | 281.9 | 289.6 | 2.9 | 38.0 | 999.9 | 999.9 |
| 0.7 | 5.6 | 168.5 | 1000.0 | 6.8 | -2.2 | 999.9 | 99.9 | 99.9 | 99.9 | 282.4 | 291.0 | 3.2 | 45.7 | 999.9 | 999.9 |
| 1.4 | 7.7 | 407.4 | 975.0 | 7.1 | -3.5 | 999.9 | 99.9 | 99.9 | 99.9 | 282.7 | 290.8 | 3.0 | 48.7 | 999.9 | 999.9 |
| 2.2 | 9.9 | 621.0 | 950.0 | 7.7 | -2.5 | 999.9 | 99.9 | 99.9 | 99.9 | 285.5 | 294.8 | 3.3 | 48.2 | 999.9 | 999.9 |
| 3.0 | 11.9 | 840.8 | 925.0 | 7.1 | 3.2 | 999.9 | 99.9 | 99.9 | 99.9 | 287.3 | 301.2 | 5.3 | 76.8 | 999.9 | 999.9 |
| 3.8 | 14.2 | 1066.3 | 900.0 | 6.8 | 4.8 | 999.9 | 99.9 | 99.9 | 99.9 | 289.3 | 305.2 | 6.0 | 87.3 | 999.9 | 999.9 |
| 4.6 | 16.2 | 1297.9 | 875.0 | 6.9 | 0.5 | 999.9 | 99.9 | 99.9 | 99.9 | 291.5 | 303.9 | 4.5 | 63.7 | 999.9 | 999.9 |
| 5.3 | 18.5 | 1526.2 | 850.0 | 6.6 | -0.4 | 999.9 | 99.9 | 99.9 | 99.9 | 293.8 | 305.6 | 4.4 | 60.9 | 999.9 | 999.9 |
| 6.2 | 20.7 | 1781.2 | 825.0 | 5.9 | 0.6 | 999.9 | 99.9 | 99.9 | 99.9 | 295.4 | 308.7 | 4.8 | 68.7 | 999.9 | 999.9 |
| 7.0 | 23.0 | 2032.5 | 800.0 | 4.0 | 0.9 | 999.9 | 99.9 | 99.9 | 99.9 | 296.1 | 310.1 | 5.1 | 80.4 | 999.9 | 999.9 |
| 7.8 | 25.3 | 2290.2 | 775.0 | 2.1 | -2.2 | 999.9 | 99.9 | 99.9 | 99.9 | 296.6 | 309.2 | 4.2 | 73.6 | 999.9 | 999.9 |
| 8.7 | 27.6 | 2554.3 | 750.0 | 0.1 | 0.0 | 999.9 | 99.9 | 99.9 | 99.9 | 297.3 | 311.8 | 5.1 | 99.7 | 999.9 | 999.9 |
| 9.6 | 30.1 | 2825.1 | 725.0 | -0.9 | -18.1 | 999.9 | 99.9 | 99.9 | 99.9 | 298.7 | 302.5 | 1.3 | 25.5 | 999.9 | 999.9 |
| 10.6 | 32.9 | 3104.1 | 700.0 | -2.7 | -21.0 | 999.9 | 99.9 | 99.9 | 99.9 | 299.6 | 302.8 | 1.0 | 22.9 | 999.9 | 999.9 |
| 11.6 | 35.3 | 3392.0 | 675.0 | -4.0 | -10.6 | 999.9 | 99.9 | 99.9 | 99.9 | 301.4 | 308.9 | 2.5 | 60.2 | 999.9 | 999.9 |
| 12.6 | 37.9 | 3694.8 | 650.0 | -6.2 | -8.0 | 999.9 | 99.9 | 99.9 | 99.9 | 302.3 | 311.7 | 3.2 | 87.9 | 999.9 | 999.9 |
| 13.6 | 40.5 | 3994.8 | 625.0 | -8.3 | -12.3 | 999.9 | 99.9 | 99.9 | 99.9 | 303.2 | 310.3 | 2.4 | 73.2 | 999.9 | 999.9 |
| 14.7 | 43.0 | 4310.3 | 600.0 | -10.7 | -16.7 | 999.9 | 99.9 | 99.9 | 99.9 | 303.9 | 309.2 | 1.7 | 60.9 | 999.9 | 999.9 |
| 15.7 | 45.9 | 4636.0 | 575.0 | -13.7 | -20.9 | 999.9 | 99.9 | 99.9 | 99.9 | 304.1 | 308.0 | 1.3 | 54.4 | 999.9 | 999.9 |
| 16.7 | 48.3 | 4972.6 | 550.0 | -15.4 | -17.1 | 999.9 | 99.9 | 99.9 | 99.9 | 306.0 | 311.8 | 1.8 | 87.4 | 999.9 | 999.9 |
| 17.7 | 50.8 | 5323.5 | 525.0 | -16.8 | -18.7 | 999.9 | 99.9 | 99.9 | 99.9 | 308.4 | 313.6 | 1.7 | 85.0 | 999.9 | 999.9 |
| 18.7 | 53.4 | 5688.4 | 500.0 | -19.3 | -22.4 | 999.9 | 99.9 | 99.9 | 99.9 | 309.6 | 313.6 | 1.3 | 76.1 | 999.9 | 999.9 |
| 19.7 | 56.0 | 6058.1 | 475.0 | -22.0 | -25.9 | 999.9 | 99.9 | 99.9 | 99.9 | 310.8 | 313.9 | 1.0 | 70.3 | 999.9 | 999.9 |
| 20.7 | 58.6 | 6433.8 | 450.0 | -24.4 | -30.7 | 999.9 | 99.9 | 99.9 | 99.9 | 312.6 | 313.5 | 0.3 | 22.4 | 999.9 | 999.9 |
| 21.7 | 61.3 | 6875.8 | 425.0 | -27.0 | -33.8 | 999.9 | 99.9 | 99.9 | 99.9 | 314.4 | 316.2 | 0.5 | 52.1 | 999.9 | 999.9 |
| 22.7 | 64.0 | 7314.1 | 400.0 | -29.2 | -33.1 | 999.9 | 99.9 | 99.9 | 99.9 | 317.1 | 319.0 | 0.6 | 68.7 | 999.9 | 999.9 |
| 23.7 | 66.6 | 7773.0 | 375.0 | -31.2 | -35.2 | 999.9 | 99.9 | 99.9 | 99.9 | 320.2 | 322.0 | 0.5 | 67.8 | 999.9 | 999.9 |
| 24.7 | 69.2 | 8258.7 | 350.0 | -34.0 | -39.4 | 999.9 | 99.9 | 99.9 | 99.9 | 321.6 | 322.9 | 0.3 | 63.0 | 999.9 | 999.9 |
| 25.7 | 71.8 | 8770.6 | 325.0 | -39.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 322.0 | 322.9 | 0.9 | 99.9 | 999.9 | 999.9 |
| 26.7 | 74.4 | 9313.4 | 300.0 | -43.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 323.5 | 323.5 | 0.9 | 99.9 | 999.9 | 999.9 |
| 27.7 | 77.0 | 9891.7 | 275.0 | -48.7 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 324.7 | 324.7 | 0.9 | 99.9 | 999.9 | 999.9 |
| 28.7 | 79.6 | 10510.4 | 250.0 | -54.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 325.6 | 325.6 | 0.9 | 99.9 | 999.9 | 999.9 |
| 29.7 | 82.2 | 11176.8 | 225.0 | -60.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 326.6 | 326.6 | 0.9 | 99.9 | 999.9 | 999.9 |
| 30.7 | 84.8 | 11902.2 | 200.0 | -65.8 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 328.6 | 328.6 | 0.9 | 99.9 | 999.9 | 999.9 |
| 31.7 | 87.4 | 12706.6 | 175.0 | -64.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 330.3 | 330.3 | 0.9 | 99.9 | 999.9 | 999.9 |
| 32.7 | 89.9 | 13659.7 | 150.0 | -58.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 334.3 | 334.3 | 0.9 | 99.9 | 999.9 | 999.9 |
| 33.7 | 92.5 | 14606.0 | 125.0 | -60.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 336.3 | 336.3 | 0.9 | 99.9 | 999.9 | 999.9 |
| 34.7 | 95.1 | 15700.9 | 100.0 | -59.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 412.8 | 412.8 | 0.9 | 99.9 | 999.9 | 999.9 |
| 35.7 | 97.7 | 16962.6 | 75.0 | -61.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 504.1 | 504.1 | 0.9 | 99.9 | 999.9 | 999.9 |
| 36.7 | 100.3 | 20531.7 | 50.0 | -57.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 504.1 | 504.1 | 0.9 | 99.9 | 999.9 | 999.9 |
| 37.7 | 102.9 | 24088.6 | 25.0 | -52.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 634.3 | 634.3 | 0.9 | 99.9 | 999.9 | 999.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 B' SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 518
ALBANY, N. Y.23 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIP DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT Y DG K | E POT Y DG K | MR RTO CM/KG | RM PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.7 | 86.0 | 1010.3 | 16.7 | 0.4 | 180.0 | 4.2 | -2.1 | 3.6 | 289.5 | 300.1 | 3.9 | 33.0 | 0.0 | 0. |
| 0.3 | 5.4 | 173.4 | 1000.0 | 16.7 | -2.5 | 162.2 | 6.8 | -2.7 | 6.4 | 290.3 | 299.2 | 3.2 | 26.8 | 0.2 | 337. |
| 1.2 | 7.6 | 384.1 | 975.0 | 15.2 | -4.6 | 165.2 | 9.9 | -2.5 | 5.5 | 290.8 | 298.6 | 2.8 | 25.1 | 0.5 | 341. |
| 2.0 | 10.0 | 607.0 | 950.0 | 13.2 | -6.3 | 167.8 | 10.9 | -2.3 | 10.6 | 290.8 | 298.6 | 2.5 | 25.2 | 1.0 | 345. |
| 2.7 | 12.1 | 830.3 | 925.0 | 11.4 | -8.3 | 164.4 | 13.4 | -3.6 | 12.9 | 291.3 | 298.1 | 2.4 | 26.6 | 1.6 | 345. |
| 3.4 | 14.5 | 1052.3 | 900.0 | 9.5 | -7.7 | 164.4 | 12.1 | -3.2 | 11.6 | 291.6 | 298.3 | 2.4 | 28.8 | 2.2 | 344. |
| 4.4 | 16.8 | 1290.9 | 875.0 | 7.4 | -7.4 | 171.1 | 8.4 | -1.3 | 8.3 | 291.6 | 298.8 | 2.5 | 34.2 | 2.8 | 345. |
| 5.3 | 19.3 | 1528.7 | 850.0 | 5.4 | -7.8 | 177.3 | 7.0 | -0.3 | 7.0 | 292.1 | 299.2 | 2.5 | 37.7 | 3.2 | 346. |
| 6.3 | 21.7 | 1771.6 | 825.0 | 3.3 | -8.4 | 192.6 | 6.1 | 1.3 | 5.9 | 292.4 | 299.3 | 2.5 | 41.9 | 3.5 | 346. |
| 7.3 | 24.4 | 2020.3 | 800.0 | 1.3 | -9.3 | 211.5 | 5.7 | 3.0 | 4.9 | 292.8 | 299.6 | 2.4 | 45.1 | 3.8 | 351. |
| 8.2 | 26.9 | 2275.4 | 775.0 | 0.8 | -12.9 | 247.4 | 7.6 | 7.1 | 2.9 | 294.9 | 300.3 | 1.8 | 35.1 | 4.0 | 355. |
| 9.1 | 29.7 | 2539.0 | 750.0 | 0.9 | -14.1 | 264.7 | 10.3 | 10.3 | 1.0 | 297.8 | 302.8 | 1.7 | 31.5 | 4.1 | 2. |
| 10.0 | 32.4 | 2810.8 | 725.0 | -0.3 | -15.3 | 278.2 | 11.5 | 11.4 | -1.6 | 299.3 | 304.1 | 1.6 | 31.4 | 4.2 | 11. |
| 11.0 | 35.3 | 3090.7 | 700.0 | -2.2 | -16.3 | 282.9 | 10.6 | 10.4 | -2.4 | 300.2 | 304.9 | 1.5 | 33.4 | 4.2 | 21. |
| 11.9 | 38.0 | 3378.3 | 675.0 | -4.5 | -18.0 | 286.9 | 10.7 | 10.3 | -3.1 | 300.7 | 304.9 | 1.4 | 34.0 | 4.3 | 27. |
| 12.8 | 40.7 | 3674.2 | 650.0 | -7.3 | -19.2 | 290.1 | 13.2 | 12.4 | -4.6 | 301.1 | 309.6 | 2.9 | 86.7 | 4.4 | 36. |
| 13.9 | 43.6 | 3979.2 | 625.0 | -8.8 | -20.6 | 287.1 | 15.6 | 14.9 | -6.6 | 302.7 | 311.9 | 3.1 | 100.0 | 4.8 | 47. |
| 15.1 | 46.9 | 4294.5 | 600.0 | -10.9 | -21.2 | 286.2 | 17.5 | 17.3 | -3.1 | 303.8 | 311.8 | 2.7 | 97.4 | 5.5 | 57. |
| 16.3 | 50.0 | 4620.8 | 575.0 | -12.5 | -23.4 | 276.9 | 21.3 | 21.1 | -2.6 | 305.6 | 312.7 | 2.4 | 52.8 | 6.6 | 65. |
| 17.5 | 53.0 | 4954.5 | 550.0 | -14.3 | -25.6 | 276.6 | 21.1 | 20.9 | -2.4 | 307.3 | 313.6 | 2.1 | 89.7 | 8.0 | 71. |
| 18.9 | 56.1 | 5310.7 | 525.0 | -16.9 | -28.7 | 276.8 | 18.2 | 18.1 | -2.2 | 308.3 | 313.5 | 1.7 | 65.7 | 9.6 | 79. |
| 20.3 | 58.6 | 5675.6 | 500.0 | -19.5 | -31.5 | 279.2 | 20.0 | 19.8 | -3.2 | 309.4 | 313.7 | 1.4 | 83.6 | 10.9 | 79. |
| 21.7 | 63.0 | 6055.2 | 475.0 | -21.7 | -34.3 | 270.9 | 17.6 | 17.6 | -0.3 | 311.3 | 314.6 | 1.1 | 79.1 | 12.5 | 41. |
| 23.1 | 66.4 | 6451.4 | 450.0 | -24.4 | -37.6 | 266.0 | 20.0 | 19.9 | 1.4 | 312.6 | 315.4 | 0.9 | 74.7 | 14.0 | 42. |
| 24.7 | 70.1 | 6865.3 | 425.0 | -27.7 | -40.9 | 266.0 | 22.6 | 22.6 | 0.8 | 313.6 | 315.8 | 0.7 | 73.6 | 16.0 | 62. |
| 26.1 | 73.6 | 7300.3 | 400.0 | -29.1 | -43.1 | 268.4 | 26.8 | 26.8 | 0.8 | 317.2 | 319.4 | 0.6 | 74.6 | 18.3 | 63. |
| 27.8 | 77.7 | 7758.9 | 375.0 | -32.5 | -46.1 | 271.4 | 28.3 | 28.3 | -0.7 | 319.5 | 320.1 | 0.5 | 70.3 | 21.0 | 84. |
| 29.5 | 81.5 | 8242.0 | 350.0 | -35.9 | -49.4 | 281.7 | 34.8 | 34.1 | -7.1 | 320.3 | 321.5 | 0.3 | 69.8 | 24.1 | 45. |
| 1.3 | 85.6 | 8751.7 | 325.0 | -40.9 | -52.9 | 289.3 | 43.8 | 43.8 | -11.2 | 320.4 | 322.3 | 0.9 | 99.9 | 27.7 | 89. |
| 33.4 | 90.0 | 9291.3 | 300.0 | -44.7 | -56.9 | 292.3 | 32.8 | 31.9 | -12.4 | 322.3 | 324.3 | 0.9 | 99.9 | 31.5 | 71. |
| 35.2 | 94.6 | 9867.9 | 275.0 | -49.4 | -60.9 | 301.7 | 36.7 | 31.2 | -19.3 | 323.7 | 325.7 | 0.9 | 99.9 | 35.2 | 94. |
| 37.5 | 99.4 | 10485.2 | 250.0 | -54.9 | -65.9 | 297.8 | 45.4 | 40.2 | -21.2 | 324.5 | 326.5 | 0.9 | 99.9 | 39.3 | 57. |
| 39.7 | 104.4 | 11150.1 | 225.0 | -60.6 | -70.9 | 297.6 | 46.2 | 41.0 | -21.4 | 325.7 | 327.7 | 0.9 | 99.9 | 43.7 | 100. |
| 42.2 | 110.0 | 11871.8 | 200.0 | -67.0 | -76.9 | 298.1 | 48.5 | 42.8 | -22.9 | 326.8 | 328.8 | 0.9 | 99.9 | 48.2 | 102. |
| 45.1 | 115.9 | 12675.3 | 175.0 | -64.3 | -80.9 | 304.4 | 42.1 | 34.7 | -23.8 | 328.2 | 329.9 | 0.9 | 99.9 | 52.9 | 104. |
| 48.9 | 122.3 | 13641.1 | 150.0 | -55.4 | -89.9 | 301.0 | 26.5 | 22.7 | -13.6 | 328.7 | 329.9 | 0.9 | 99.9 | 60.4 | 104. |
| 52.4 | 129.7 | 14802.9 | 125.0 | -50.1 | -98.9 | 301.7 | 25.7 | 21.8 | -13.6 | 329.7 | 329.9 | 0.9 | 99.9 | 67.7 | 106. |
| 57.2 | 137.5 | 16204.7 | 100.0 | -58.8 | -108.9 | 326.3 | 24.3 | 13.8 | -20.2 | 330.7 | 329.9 | 0.9 | 99.9 | 73.0 | 108. |
| 59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 520
PITTSBURGH, PA

23 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GFN | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTO GM/KG | PH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.0 | 350.0 | 971.9 | 19.3 | 5.0 | 215.0 | 15.3 | 8.8 | 12.5 | 295.6 | 311.0 | 5.6 | 39.0 | 0.0 | 0. |
| 99.9 | 99.9 | 1000.0 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 8.7 | 554.6 | 950.0 | 18.1 | 4.5 | 212.7 | 23.3 | 12.6 | 19.6 | 296.3 | 311.6 | 5.6 | 40.8 | 0.4 | 36. |
| 1.3 | 10.6 | 782.0 | 925.0 | 15.8 | 4.0 | 208.4 | 24.4 | 11.6 | 19.6 | 296.2 | 311.3 | 5.5 | 45.4 | 1.8 | 33. |
| 2.1 | 12.7 | 1013.8 | 900.0 | 13.5 | 2.9 | 206.3 | 22.2 | 9.8 | 19.9 | 296.1 | 310.5 | 5.2 | 48.6 | 3.0 | 31. |
| 3.1 | 14.9 | 1249.6 | 875.0 | 10.2 | 1.9 | 207.5 | 24.1 | 11.1 | 21.4 | 295.1 | 309.6 | 5.0 | 56.0 | 4.2 | 29. |
| 3.9 | 16.9 | 1490.3 | 850.0 | 8.4 | 1.4 | 209.5 | 23.7 | 11.7 | 20.6 | 295.6 | 309.3 | 5.0 | 61.1 | 5.5 | 29. |
| 4.6 | 14.2 | 1736.6 | 825.0 | 6.6 | 1.4 | 209.1 | 23.0 | 11.2 | 20.1 | 296.2 | 310.7 | 5.1 | 69.5 | 6.4 | 27. |
| 5.2 | 21.3 | 1982.7 | 800.0 | 4.5 | 0.9 | 208.6 | 22.0 | 10.5 | 19.3 | 296.6 | 310.3 | 5.1 | 77.1 | 7.3 | 27. |
| 6.0 | 23.6 | 2246.4 | 775.0 | 1.8 | 0.3 | 210.9 | 24.1 | 12.4 | 20.7 | 296.3 | 310.3 | 5.1 | 90.3 | 8.3 | 29. |
| 6.7 | 25.8 | 2510.1 | 750.0 | -0.4 | -0.5 | 219.6 | 24.8 | 12.2 | 21.5 | 296.8 | 310.3 | 4.9 | 99.0 | 9.4 | 29. |
| 7.9 | 24.1 | 2781.0 | 725.0 | -2.0 | -2.0 | 211.0 | 27.0 | 13.9 | 23.1 | 297.6 | 310.5 | 4.6 | 99.7 | 11.2 | 27. |
| 8.8 | 30.7 | 3060.2 | 700.0 | -2.7 | -2.8 | 218.4 | 27.9 | 17.2 | 21.7 | 300.0 | 312.6 | 4.5 | 99.6 | 12.7 | 30. |
| 9.8 | 32.2 | 3348.7 | 675.0 | -3.2 | -3.3 | 230.2 | 28.4 | 21.8 | 18.2 | 302.6 | 315.3 | 4.5 | 99.5 | 14.3 | 31. |
| 10.7 | 35.7 | 3647.7 | 650.0 | -3.8 | -3.8 | 250.9 | 31.1 | 27.2 | 15.1 | 305.3 | 318.0 | 4.4 | 99.5 | 15.7 | 34. |
| 11.7 | 38.2 | 3937.2 | 625.0 | -5.3 | -5.4 | 251.7 | 32.0 | 30.4 | 10.1 | 306.9 | 318.9 | 4.1 | 99.3 | 17.4 | 37. |
| 12.9 | 40.9 | 4277.9 | 600.0 | -6.3 | -6.4 | 263.0 | 29.8 | 29.6 | 3.8 | 309.3 | 321.0 | 4.0 | 99.1 | 19.3 | 42. |
| 14.1 | 43.5 | 4610.3 | 575.0 | -7.8 | -8.0 | 255.8 | 31.0 | 37.5 | 5.5 | 311.3 | 322.2 | 3.7 | 98.9 | 20.9 | 46. |
| 15.3 | 46.4 | 4952.5 | 550.0 | -9.4 | -9.6 | 258.7 | 31.7 | 31.1 | 6.2 | 313.3 | 323.5 | 3.4 | 98.7 | 22.9 | 49. |
| 16.6 | 49.4 | 5314.2 | 525.0 | -11.3 | -11.6 | 262.6 | 29.2 | 25.0 | 3.7 | 315.1 | 324.3 | 3.0 | 97.6 | 25.0 | 52. |
| 17.9 | 52.3 | 5687.8 | 500.0 | -13.3 | -13.7 | 262.2 | 32.0 | 31.7 | 4.3 | 317.1 | 325.3 | 2.6 | 96.7 | 26.9 | 54. |
| 19.1 | 55.3 | 6077.4 | 475.0 | -15.4 | -15.9 | 284.7 | 32.5 | 32.4 | 3.0 | 319.2 | 326.6 | 2.3 | 95.8 | 29.0 | 56. |
| 20.4 | 58.4 | 6494.2 | 450.0 | -18.1 | -18.8 | 276.0 | 28.6 | 28.6 | -0.0 | 320.7 | 326.9 | 1.9 | 94.3 | 31.2 | 57. |
| 21.5 | 61.8 | 6909.1 | 425.0 | -21.1 | -22.1 | 266.5 | 29.1 | 29.0 | 1.8 | 322.1 | 327.1 | 1.5 | 91.6 | 33.2 | 51. |
| 23.2 | 65.2 | 7353.8 | 400.0 | -24.8 | -26.2 | 266.6 | 29.3 | 29.3 | 1.7 | 322.8 | 326.5 | 1.1 | 88.6 | 35.4 | 52. |
| 24.8 | 68.7 | 7810.7 | 375.0 | -28.8 | -37.8 | 266.5 | 29.5 | 29.5 | 1.8 | 323.5 | 326.2 | 0.8 | 82.5 | 38.1 | 54. |
| 26.4 | 72.3 | 8306.8 | 350.0 | -32.7 | -35.1 | 270.9 | 29.5 | 29.5 | -0.5 | 324.6 | 326.5 | 0.5 | 79.0 | 40.5 | 56. |
| 28.1 | 76.3 | 8827.3 | 325.0 | -37.1 | -39.6 | 264.0 | 36.0 | 36.0 | 1.3 | 325.5 | 326.9 | 0.4 | 77.4 | 43.6 | 59. |
| 29.9 | 80.4 | 9375.0 | 300.0 | -42.0 | -42.0 | 276.1 | 29.0 | 28.8 | -3.1 | 326.2 | 326.9 | 0.9 | 99.9 | 46.4 | 67. |
| 31.8 | 84.4 | 9554.9 | 275.0 | -47.6 | -47.6 | 272.4 | 31.8 | 31.7 | -1.3 | 326.2 | 326.9 | 0.9 | 99.9 | 49.7 | 71. |
| 33.8 | 89.2 | 10574.2 | 250.0 | -52.9 | -52.9 | 278.2 | 35.3 | 35.2 | -2.6 | 327.4 | 326.9 | 0.9 | 99.9 | 53.6 | 73. |
| 35.8 | 94.4 | 11249.2 | 225.0 | -59.1 | -59.1 | 270.9 | 34.2 | 34.2 | -0.5 | 327.9 | 326.9 | 0.9 | 99.9 | 57.3 | 74. |
| 37.8 | 99.5 | 11978.7 | 200.0 | -64.5 | -64.5 | 268.2 | 36.5 | 36.5 | 1.1 | 330.7 | 326.9 | 0.9 | 99.9 | 61.6 | 75. |
| 40.2 | 105.3 | 12791.3 | 175.0 | -68.9 | -68.9 | 268.0 | 40.4 | 39.8 | -7.1 | 342.9 | 326.9 | 0.9 | 99.9 | 67.0 | 77. |
| 43.0 | 111.7 | 13756.8 | 150.0 | -50.0 | -50.0 | 297.6 | 32.2 | 28.5 | -14.9 | 370.2 | 326.9 | 0.9 | 99.9 | 72.7 | 79. |
| 46.6 | 119.0 | 14903.1 | 125.0 | -57.6 | -57.6 | 295.8 | 26.4 | 23.8 | -11.5 | 390.7 | 326.9 | 0.9 | 99.9 | 78.0 | 82. |
| 51.1 | 127.5 | 16259.1 | 100.0 | -62.0 | -62.0 | 289.8 | 28.3 | 26.6 | -9.4 | 407.9 | 326.9 | 0.9 | 99.9 | 84.0 | 84. |
| 56.5 | 137.0 | 18072.5 | 75.0 | -62.7 | -62.7 | 288.1 | 17.9 | 17.2 | -5.0 | 441.5 | 326.9 | 0.9 | 99.9 | 90.9 | 86. |
| 64.5 | 147.5 | 20604.3 | 50.0 | -57.4 | -57.4 | 38.4 | 4.3 | -2.7 | -3.4 | 508.4 | 326.9 | 0.9 | 99.9 | 93.3 | 87. |
| 99.9 | 99.9 | 50.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

9.2 V SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

9.4 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

9.6 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

FINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 52R
BUFFALO, N Y23 APRIL 1975
2115 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO CM/KG | RH PCY | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.7 | 218.0 | 985.8 | 18.9 | 7.7 | 210.0 | 7.3 | 3.6 | 6.3 | 294.1 | 312.1 | 6.7 | 48.0 | 0.0 | 0. |
| 99.9 | 59.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 6.5 | 312.6 | 975.0 | 18.9 | 1.3 | 182.6 | 12.3 | 0.5 | 1.3 | 294.8 | 306.7 | 4.3 | 30.8 | 0.3 | 2. |
| 1.1 | 8.5 | 534.8 | 950.0 | 17.1 | -0.0 | 182.6 | 12.4 | 0.6 | 12.4 | 295.1 | 306.2 | 4.0 | 31.3 | 0.7 | 2. |
| 1.7 | 10.6 | 761.6 | 925.0 | 15.6 | 1.2 | 190.4 | 10.9 | 2.0 | 10.9 | 295.8 | 309.3 | 4.5 | 37.9 | 1.2 | 3. |
| 2.5 | 12.6 | 993.1 | 900.0 | 13.6 | 0.7 | 203.8 | 12.3 | 5.0 | 11.3 | 296.2 | 308.6 | 4.5 | 41.2 | 1.6 | 7. |
| 3.1 | 14.8 | 1229.6 | 875.0 | 11.7 | -0.4 | 208.8 | 15.6 | 7.5 | 13.7 | 296.5 | 308.3 | 4.2 | 43.2 | 2.2 | 12. |
| 4.0 | 16.8 | 1471.0 | 850.0 | 9.2 | -0.9 | 214.4 | 17.4 | 9.9 | 14.4 | 296.3 | 308.1 | 4.2 | 49.3 | 3.0 | 14. |
| 4.9 | 18.1 | 1717.5 | 825.0 | 6.8 | -1.3 | 219.2 | 17.9 | 11.3 | 13.8 | 296.3 | 307.9 | 4.2 | 55.5 | 4.0 | 22. |
| 6.0 | 21.2 | 1965.5 | 800.0 | 4.7 | -1.3 | 217.1 | 18.0 | 10.8 | 14.4 | 296.8 | 308.9 | 4.4 | 64.9 | 5.1 | 27. |
| 6.8 | 23.5 | 2227.4 | 775.0 | 2.3 | -1.3 | 220.0 | 19.3 | 12.4 | 14.8 | 296.9 | 309.3 | 4.5 | 76.8 | 6.9 | 27. |
| 7.5 | 25.7 | 2491.7 | 750.0 | 0.1 | -1.3 | 220.1 | 20.2 | 13.0 | 15.5 | 297.3 | 310.2 | 4.6 | 90.2 | 8.9 | 30. |
| 8.2 | 28.1 | 2762.5 | 725.0 | -2.1 | -2.2 | 220.2 | 20.8 | 13.4 | 15.9 | 297.7 | 310.2 | 4.5 | 98.2 | 7.7 | 11. |
| 8.9 | 30.5 | 3043.9 | 700.0 | -3.9 | -3.9 | 219.7 | 20.9 | 13.4 | 16.1 | 298.7 | 310.3 | 4.1 | 100.3 | 8.5 | 34. |
| 9.7 | 32.0 | 3327.6 | 675.0 | -5.1 | -5.1 | 220.2 | 21.0 | 13.6 | 16.1 | 300.4 | 311.5 | 3.9 | 100.1 | 9.5 | 33. |
| 10.4 | 34.4 | 3624.3 | 650.0 | -6.2 | -6.2 | 222.5 | 21.6 | 14.6 | 15.9 | 302.4 | 313.0 | 3.7 | 100.3 | 10.4 | 31. |
| 11.3 | 37.9 | 3930.3 | 625.0 | -8.3 | -8.3 | 222.9 | 23.6 | 16.1 | 17.3 | 303.4 | 313.0 | 3.3 | 101.3 | 11.5 | 34. |
| 12.3 | 40.5 | 4246.4 | 600.0 | -10.3 | -10.3 | 225.1 | 28.3 | 20.1 | 20.0 | 304.6 | 313.2 | 2.9 | 101.0 | 13.0 | 35. |
| 13.2 | 43.2 | 4574.4 | 575.0 | -10.4 | -10.4 | 235.0 | 26.7 | 23.1 | 16.2 | 308.2 | 317.2 | 3.0 | 101.0 | 14.7 | 37. |
| 14.1 | 46.0 | 4916.7 | 550.0 | -11.1 | -11.1 | 253.1 | 23.9 | 22.9 | 6.9 | 311.3 | 320.3 | 3.0 | 100.9 | 16.0 | 39. |
| 15.3 | 49.3 | 5273.7 | 525.0 | -12.6 | -12.9 | 265.5 | 22.2 | 22.1 | 1.7 | 313.5 | 321.8 | 2.7 | 97.8 | 17.2 | 43. |
| 16.3 | 51.8 | 5644.9 | 500.0 | -14.8 | -15.2 | 264.1 | 20.0 | 19.9 | 2.0 | 315.2 | 322.5 | 2.3 | 97.2 | 18.2 | 47. |
| 17.3 | 54.8 | 6031.6 | 475.0 | -17.4 | -17.8 | 258.8 | 17.8 | 17.5 | 3.5 | 316.6 | 322.9 | 2.0 | 96.5 | 19.1 | 44. |
| 18.5 | 57.9 | 6434.7 | 450.0 | -20.2 | -20.8 | 263.8 | 20.0 | 19.9 | 2.2 | 318.0 | 323.1 | 1.6 | 94.8 | 20.2 | 50. |
| 19.6 | 61.1 | 6855.4 | 425.0 | -24.1 | -27.1 | 275.7 | 20.0 | 19.9 | -2.0 | 318.1 | 323.1 | 1.0 | 76.6 | 21.3 | 52. |
| 21.1 | 64.6 | 7295.8 | 400.0 | -26.7 | -33.2 | 274.6 | 24.0 | 23.9 | -1.9 | 320.4 | 322.3 | 0.6 | 53.6 | 22.6 | 54. |
| 22.5 | 67.9 | 7752.6 | 375.0 | -30.2 | -37.1 | 275.9 | 25.4 | 25.3 | -2.6 | 321.6 | 323.1 | 0.4 | 50.6 | 24.6 | 59. |
| 24.0 | 71.3 | 8246.0 | 350.0 | -33.7 | -39.8 | 283.1 | 25.0 | 25.3 | -5.6 | 323.2 | 324.4 | 0.3 | 53.7 | 26.2 | 62. |
| 25.6 | 75.3 | 8761.2 | 325.0 | -37.8 | -43.4 | 279.2 | 25.9 | 25.6 | -4.1 | 324.5 | 325.4 | 0.2 | 55.3 | 27.9 | 64. |
| 27.0 | 79.3 | 9307.4 | 300.0 | -42.4 | -49.9 | 266.5 | 30.0 | 30.0 | 1.8 | 325.7 | 325.9 | 99.9 | 99.9 | 30.2 | 67. |
| 28.7 | 83.4 | 9899.1 | 275.0 | -47.5 | -59.9 | 263.8 | 34.2 | 34.0 | 3.7 | 326.5 | 326.9 | 99.9 | 99.9 | 33.3 | 69. |
| 30.7 | 87.9 | 10511.5 | 250.0 | -52.8 | -67.9 | 261.9 | 38.7 | 38.3 | 5.4 | 327.6 | 327.6 | 99.9 | 99.9 | 37.6 | 70. |
| 33.1 | 92.5 | 11182.7 | 225.0 | -58.4 | -79.9 | 263.0 | 43.6 | 43.3 | 5.3 | 329.0 | 329.0 | 99.9 | 99.9 | 43.2 | 72. |
| 35.6 | 97.5 | 11913.4 | 200.0 | -64.1 | -99.9 | 265.0 | 38.1 | 38.0 | 3.4 | 331.3 | 331.3 | 99.9 | 99.9 | 49.4 | 73. |
| 38.0 | 103.2 | 12734.3 | 175.0 | -62.2 | -99.9 | 278.8 | 33.1 | 32.7 | -5.1 | 337.3 | 337.3 | 99.9 | 99.9 | 54.4 | 75. |
| 41.3 | 107.5 | 13694.0 | 150.0 | -60.1 | -99.9 | 280.9 | 26.3 | 25.8 | -5.0 | 366.6 | 366.6 | 99.9 | 99.9 | 59.4 | 78. |
| 45.3 | 116.0 | 14842.8 | 125.0 | -57.0 | -99.9 | 280.5 | 37.6 | 37.6 | -6.9 | 391.8 | 391.8 | 99.9 | 99.9 | 64.3 | 80. |
| 50.7 | 124.3 | 16268.0 | 100.0 | -55.9 | -99.9 | 296.9 | 27.5 | 24.1 | -13.1 | 419.7 | 419.7 | 99.9 | 99.9 | 74.5 | 84. |
| 56.8 | 133.5 | 18068.9 | 75.0 | -61.2 | -99.9 | 303.6 | 14.8 | 12.3 | -8.2 | 444.5 | 444.5 | 99.9 | 99.9 | 80.5 | 87. |
| 99.9 | 99.9 | 99.9 | 50.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 532
GEORGIA, ILL23 APRIL 1975
2315 GMT

| TIME MIN | CATCY | HEIGHT CFM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCNP M/SEC | POT T DEG K | E POT T DEG K | MR RTO GM/SEC | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|----------------|------------------|------------------|-----------|-------------|----------|
| 0.0 | 7.3 | 200.0 | 983.4 | 20.6 | 16.2 | 180.0 | 7.3 | 0.0 | 7.3 | 296.8 | 328.1 | 11.9 | 76.8 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 8.3 | 276.5 | 975.0 | 20.9 | 16.6 | 198.5 | 14.8 | 4.7 | 13.0 | 257.9 | 330.3 | 12.3 | 76.0 | 0.3 | 11. |
| 1.1 | 10.5 | 459.1 | 950.0 | 18.7 | 15.9 | 203.9 | 14.9 | 6.0 | 13.6 | 297.8 | 329.6 | 12.1 | 83.5 | 0.8 | 16. |
| 1.9 | 12.5 | 727.9 | 925.0 | 16.7 | 14.9 | 212.5 | 15.9 | 8.6 | 13.4 | 297.9 | 328.7 | 11.6 | 89.2 | 1.4 | 22. |
| 2.5 | 14.9 | 561.0 | 900.0 | 14.7 | 13.5 | 222.6 | 16.2 | 10.9 | 11.9 | 298.1 | 327.1 | 10.9 | 92.9 | 2.1 | 25. |
| 3.3 | 17.0 | 1193.5 | 875.0 | 13.3 | 12.3 | 234.2 | 16.5 | 13.4 | 9.7 | 299.0 | 326.6 | 10.3 | 93.6 | 2.8 | 32. |
| 4.2 | 19.4 | 1443.9 | 850.0 | 12.2 | 10.9 | 243.0 | 14.3 | 12.7 | 6.5 | 300.2 | 325.4 | 9.7 | 92.0 | 3.6 | 39. |
| 5.0 | 21.6 | 1698.2 | 825.0 | 10.7 | 8.7 | 241.3 | 16.3 | 14.3 | 7.8 | 301.1 | 324.6 | 8.6 | 87.4 | 4.3 | 43. |
| 5.5 | 24.1 | 1950.6 | 800.0 | 9.2 | 7.8 | 240.3 | 15.0 | 13.0 | 7.4 | 302.0 | 323.0 | 8.4 | 91.5 | 4.9 | 45. |
| 6.5 | 26.4 | 2213.7 | 775.0 | 7.5 | 6.1 | 236.3 | 14.0 | 11.6 | 7.8 | 302.9 | 322.3 | 7.7 | 90.7 | 5.6 | 47. |
| 7.4 | 28.9 | 2483.6 | 750.0 | 6.1 | 4.1 | 233.3 | 12.6 | 10.1 | 7.6 | 303.1 | 323.3 | 6.9 | 87.1 | 6.3 | 48. |
| 8.1 | 31.5 | 2761.2 | 725.0 | 4.3 | 2.7 | 230.6 | 11.3 | 8.7 | 7.2 | 303.1 | 323.2 | 6.5 | 89.3 | 6.9 | 48. |
| 9.1 | 34.1 | 3046.4 | 700.0 | 2.7 | -0.3 | 231.4 | 12.2 | 9.5 | 7.6 | 303.2 | 321.5 | 5.4 | 80.5 | 7.5 | 48. |
| 10.0 | 36.6 | 3341.0 | 675.0 | 2.1 | -12.1 | 239.5 | 15.9 | 13.5 | 8.1 | 303.2 | 319.1 | 2.3 | 34.6 | 8.2 | 48. |
| 10.9 | 39.3 | 3644.6 | 650.0 | 0.4 | -19.4 | 244.1 | 20.0 | 18.0 | 8.8 | 303.6 | 313.5 | 1.3 | 20.9 | 9.2 | 50. |
| 11.9 | 41.9 | 3957.6 | 625.0 | -2.2 | -21.4 | 244.8 | 21.8 | 19.7 | 9.3 | 310.1 | 313.6 | 1.1 | 21.1 | 10.4 | 52. |
| 12.9 | 44.5 | 4288.1 | 600.0 | -5.1 | -21.2 | 246.6 | 20.6 | 18.9 | 8.2 | 310.3 | 314.0 | 1.2 | 27.0 | 11.7 | 53. |
| 14.0 | 47.8 | 4612.3 | 575.0 | -8.5 | -20.7 | 246.2 | 20.3 | 18.6 | 8.2 | 310.2 | 314.2 | 1.3 | 36.4 | 13.0 | 55. |
| 14.8 | 50.6 | 4953.2 | 550.0 | -11.7 | -20.5 | 247.6 | 19.8 | 18.3 | 7.5 | 310.4 | 314.7 | 1.4 | 47.7 | 14.0 | 55. |
| 15.8 | 53.0 | 5309.3 | 525.0 | -15.3 | -20.4 | 248.8 | 21.0 | 19.6 | 7.6 | 310.2 | 314.7 | 1.4 | 64.6 | 15.1 | 57. |
| 16.9 | 56.5 | 5678.6 | 500.0 | -18.5 | -21.2 | 249.7 | 22.0 | 20.6 | 7.6 | 310.6 | 315.0 | 1.4 | 79.7 | 16.6 | 58. |
| 18.4 | 59.8 | 6052.3 | 475.0 | -21.3 | -26.2 | 251.4 | 24.2 | 22.9 | 7.7 | 311.7 | 314.7 | 0.9 | 64.7 | 18.5 | 59. |
| 19.9 | 63.1 | 6452.7 | 450.0 | -24.5 | -29.2 | 250.8 | 21.2 | 20.0 | 7.0 | 312.5 | 315.0 | 0.7 | 64.3 | 20.5 | 60. |
| 21.2 | 66.4 | 6846.4 | 425.0 | -27.8 | -32.7 | 248.7 | 24.9 | 23.2 | 9.1 | 313.4 | 315.3 | 0.6 | 62.8 | 22.1 | 61. |
| 22.6 | 70.0 | 7250.4 | 400.0 | -30.6 | -34.5 | 251.3 | 30.9 | 29.3 | 9.9 | 313.3 | 317.0 | 0.5 | 67.9 | 24.6 | 62. |
| 24.2 | 73.5 | 7753.6 | 375.0 | -33.7 | -38.5 | 263.1 | 26.9 | 26.7 | 3.2 | 317.0 | 320.2 | 0.4 | 61.3 | 27.4 | 63. |
| 25.6 | 77.4 | 8236.1 | 350.0 | -36.8 | -40.6 | 261.6 | 28.9 | 28.6 | 4.2 | 319.0 | 320.1 | 0.3 | 67.3 | 29.5 | 65. |
| 27.1 | 81.3 | 8746.0 | 325.0 | -40.2 | 99.9 | 269.0 | 30.1 | 30.1 | 0.5 | 321.3 | 999.9 | 99.9 | 999.9 | 31.9 | 65. |
| 28.7 | 85.3 | 9256.7 | 300.0 | -43.1 | 99.9 | 270.2 | 31.8 | 31.8 | -0.1 | 323.6 | 999.9 | 99.9 | 999.9 | 34.5 | 65. |
| 30.6 | 89.5 | 9669.5 | 275.0 | -47.6 | 99.9 | 273.6 | 36.9 | 36.8 | -2.3 | 326.3 | 999.9 | 99.9 | 999.9 | 38.6 | 71. |
| 32.8 | 94.3 | 10491.8 | 250.0 | -53.2 | 99.9 | 279.4 | 41.3 | 40.8 | -6.7 | 327.0 | 999.9 | 99.9 | 999.9 | 43.2 | 76. |
| 35.2 | 99.2 | 11161.7 | 225.0 | -58.7 | 99.9 | 270.1 | 39.1 | 39.1 | -0.1 | 328.6 | 999.9 | 99.9 | 999.9 | 48.3 | 76. |
| 37.5 | 104.3 | 11890.4 | 200.0 | -61.2 | 99.9 | 264.2 | 44.3 | 44.1 | 4.5 | 333.9 | 999.9 | 99.9 | 999.9 | 54.3 | 77. |
| 40.9 | 110.2 | 12733.8 | 175.0 | -56.0 | 99.9 | 260.3 | 44.2 | 43.6 | 7.5 | 357.4 | 999.9 | 99.9 | 999.9 | 62.5 | 75. |
| 44.9 | 116.3 | 13713.9 | 150.0 | -54.6 | 99.9 | 270.8 | 42.8 | 42.8 | -0.6 | 376.0 | 999.9 | 99.9 | 999.9 | 71.1 | 75. |
| 49.7 | 123.7 | 14867.9 | 125.0 | -58.2 | 99.9 | 265.9 | 37.4 | 37.4 | 2.7 | 389.6 | 999.9 | 99.9 | 999.9 | 80.8 | 81. |
| 55.6 | 131.2 | 16276.4 | 100.0 | -57.1 | 99.9 | 266.1 | 24.0 | 23.9 | 1.6 | 417.4 | 999.9 | 99.9 | 999.9 | 91.9 | 81. |
| 62.3 | 139.7 | 18552.6 | 75.0 | -66.4 | 99.9 | 299.3 | 12.7 | 11.1 | -8.2 | 433.7 | 999.9 | 99.9 | 999.9 | 99.4 | 82. |
| 72.4 | 148.3 | 20571.2 | 50.0 | -58.4 | 99.9 | 259.7 | 9.3 | 9.2 | 1.7 | 505.9 | 999.9 | 99.9 | 999.9 | 102.7 | 83. |
| 89.3 | 157.7 | 24990.9 | 25.0 | -53.2 | 99.9 | 300.3 | 6.2 | 5.4 | -7.1 | 632.1 | 999.9 | 99.9 | 999.9 | 105.0 | 84. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 553
CHAMA, NEB23 APRIL 1975
2315 GMT

| TIME MIN | CATCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 00 | 7.0 | 400.0 | 959.0 | 19.0 | 14.5 | 20.0 | 4.2 | -1.4 | -3.9 | 297.1 | 325.9 | 10.9 | 75.0 | 163 | 20.9 |
| 00.9 | 90.3 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 90.3 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.3 | 9.0 | 481.3 | 950.0 | 18.4 | 14.4 | 999.9 | 99.9 | 99.9 | 99.9 | 297.3 | 320.2 | 10.9 | 77.7 | 99.9 | 99.9 |
| 1.1 | 10.6 | 709.5 | 925.0 | 15.8 | 14.1 | 999.9 | 99.9 | 99.9 | 99.9 | 297.0 | 326.2 | 11.1 | 89.8 | 99.9 | 99.9 |
| 2.1 | 12.6 | 942.2 | 900.0 | 14.5 | 10.6 | 30.1 | 6.1 | -3.0 | -5.2 | 297.7 | 321.8 | 9.0 | 77.9 | 99.9 | 99.9 |
| 2.9 | 14.2 | 1180.7 | 875.0 | 16.1 | 8.0 | 18.7 | 3.6 | -1.2 | -3.4 | 301.6 | 322.8 | 7.7 | 58.5 | 99.9 | 99.9 |
| 3.0 | 16.9 | 1427.1 | 850.0 | 15.4 | -0.3 | 10.1 | 3.1 | -0.6 | -3.1 | 302.9 | 315.5 | 4.4 | 34.3 | 99.9 | 99.9 |
| 4.9 | 19.2 | 1675.2 | 825.0 | 13.6 | -1.1 | 339.2 | 5.6 | 2.0 | -5.2 | 303.5 | 315.8 | 4.3 | 36.2 | 99.9 | 99.9 |
| 5.9 | 21.4 | 1537.7 | 800.0 | 12.2 | -4.2 | 318.3 | 6.8 | 4.5 | -5.1 | 304.6 | 314.8 | 3.5 | 31.4 | 99.9 | 99.9 |
| 6.9 | 23.9 | 2232.9 | 775.0 | 10.8 | -5.3 | 293.2 | 7.6 | 7.0 | -3.9 | 305.9 | 315.0 | 3.3 | 31.7 | 99.9 | 99.9 |
| 7.9 | 26.0 | 2474.9 | 750.0 | 8.5 | -7.4 | 295.5 | 7.9 | 7.2 | -3.4 | 306.2 | 314.9 | 2.9 | 31.7 | 99.9 | 99.9 |
| 8.9 | 28.5 | 2723.9 | 725.0 | 5.9 | -8.8 | 294.2 | 7.7 | 7.0 | -3.2 | 306.3 | 314.4 | 2.7 | 33.6 | 99.9 | 99.9 |
| 10.0 | 31.1 | 3040.1 | 700.0 | 3.7 | -10.0 | 295.2 | 7.4 | 6.7 | -3.2 | 306.9 | 314.5 | 2.5 | 35.4 | 99.9 | 99.9 |
| 11.2 | 33.7 | 3314.2 | 675.0 | 1.4 | -10.9 | 281.5 | 6.1 | 7.0 | -1.6 | 307.5 | 314.9 | 2.4 | 39.4 | 99.9 | 99.9 |
| 12.3 | 36.2 | 3636.7 | 650.0 | -1.0 | -11.8 | 266.2 | 12.0 | 12.0 | 0.8 | 308.2 | 315.4 | 2.4 | 43.6 | 99.9 | 99.9 |
| 13.4 | 38.9 | 3948.4 | 625.0 | -3.6 | -11.8 | 255.3 | 14.5 | 14.0 | 3.7 | 308.7 | 316.1 | 2.5 | 52.7 | 99.9 | 99.9 |
| 14.6 | 41.6 | 4269.6 | 600.0 | -6.5 | -12.9 | 249.5 | 16.1 | 15.1 | 5.6 | 308.9 | 316.0 | 2.4 | 60.3 | 99.9 | 99.9 |
| 15.8 | 44.4 | 4600.6 | 575.0 | -9.6 | -14.0 | 245.8 | 17.6 | 16.1 | 7.2 | 309.0 | 316.0 | 2.4 | 60.3 | 99.9 | 99.9 |
| 17.1 | 47.4 | 4942.5 | 550.0 | -11.9 | -20.1 | 246.9 | 20.0 | 18.4 | 7.8 | 310.1 | 316.5 | 1.4 | 70.1 | 99.9 | 99.9 |
| 18.5 | 50.4 | 5296.8 | 525.0 | -14.8 | -27.0 | 251.5 | 19.8 | 18.8 | 4.3 | 310.7 | 316.5 | 1.4 | 70.1 | 99.9 | 99.9 |
| 19.9 | 53.5 | 5643.8 | 500.0 | -18.1 | -29.6 | 259.9 | 20.2 | 19.9 | 3.5 | 311.1 | 313.2 | 0.6 | 70.1 | 99.9 | 99.9 |
| 21.3 | 56.5 | 6045.1 | 475.0 | -20.5 | -33.1 | 266.8 | 21.5 | 21.5 | 1.8 | 312.6 | 314.3 | 0.5 | 70.1 | 99.9 | 99.9 |
| 22.9 | 60.0 | 6443.1 | 450.0 | -23.2 | -40.1 | 265.6 | 23.9 | 23.8 | 1.8 | 314.1 | 315.0 | 0.3 | 70.1 | 99.9 | 99.9 |
| 24.6 | 63.4 | 6854.1 | 425.0 | -26.5 | -43.9 | 262.1 | 24.2 | 24.0 | 3.3 | 315.0 | 315.0 | 0.2 | 70.1 | 99.9 | 99.9 |
| 26.2 | 66.9 | 7295.4 | 400.0 | -28.6 | -48.1 | 265.1 | 28.7 | 28.6 | 2.5 | 317.8 | 318.3 | 0.1 | 70.1 | 99.9 | 99.9 |
| 28.1 | 70.6 | 7754.2 | 375.0 | -32.4 | -48.4 | 268.7 | 33.3 | 33.3 | 0.8 | 318.7 | 319.2 | 0.1 | 70.1 | 99.9 | 99.9 |
| 29.9 | 74.6 | 8237.1 | 350.0 | -36.0 | -48.5 | 263.8 | 36.2 | 36.0 | 3.9 | 320.2 | 320.7 | 0.1 | 70.1 | 99.9 | 99.9 |
| 31.0 | 78.7 | 8748.0 | 325.0 | -39.9 | -48.5 | 265.5 | 38.2 | 39.1 | 3.0 | 321.7 | 321.7 | 0.1 | 70.1 | 99.9 | 99.9 |
| 33.8 | 82.8 | 9299.1 | 300.0 | -44.5 | -49.9 | 262.1 | 43.6 | 43.2 | 6.0 | 322.6 | 322.6 | 0.1 | 70.1 | 99.9 | 99.9 |
| 36.1 | 87.4 | 9866.6 | 275.0 | -49.0 | -49.9 | 262.1 | 49.3 | 49.9 | 7.8 | 324.3 | 324.3 | 0.1 | 70.1 | 99.9 | 99.9 |
| 38.3 | 92.4 | 10485.6 | 250.0 | -53.5 | -49.9 | 262.1 | 50.1 | 49.6 | 7.2 | 326.5 | 326.5 | 0.1 | 70.1 | 99.9 | 99.9 |
| 40.6 | 97.5 | 11159.0 | 225.0 | -56.6 | -49.9 | 261.4 | 49.3 | 48.8 | 7.2 | 328.8 | 328.8 | 0.1 | 70.1 | 99.9 | 99.9 |
| 43.4 | 102.2 | 11902.2 | 200.0 | -57.7 | -49.9 | 261.4 | 47.5 | 47.1 | 6.3 | 330.9 | 330.9 | 0.1 | 70.1 | 99.9 | 99.9 |
| 46.4 | 106.5 | 12743.8 | 175.0 | -57.2 | -49.9 | 261.3 | 47.5 | 46.8 | 7.2 | 335.5 | 335.5 | 0.1 | 70.1 | 99.9 | 99.9 |
| 50.2 | 116.3 | 13720.4 | 150.0 | -56.5 | -49.9 | 251.9 | 41.2 | 39.2 | 12.8 | 372.8 | 372.8 | 0.1 | 70.1 | 99.9 | 99.9 |
| 54.3 | 124.3 | 14879.9 | 125.0 | -57.4 | -49.9 | 249.1 | 41.1 | 38.4 | 16.7 | 391.1 | 391.1 | 0.1 | 70.1 | 99.9 | 99.9 |
| 58.0 | 132.0 | 16290.8 | 100.0 | -57.0 | -49.9 | 238.4 | 32.6 | 26.6 | 18.9 | 417.6 | 417.6 | 0.1 | 70.1 | 99.9 | 99.9 |
| 64.4 | 143.6 | 18056.6 | 75.0 | -60.3 | -49.9 | 230.0 | 8.8 | 4.4 | -7.7 | 446.9 | 446.9 | 0.1 | 70.1 | 99.9 | 99.9 |
| 73.0 | 152.7 | 20655.9 | 50.0 | -54.5 | -49.9 | 215.6 | 9.4 | 5.8 | 7.7 | 515.1 | 515.1 | 0.1 | 70.1 | 99.9 | 99.9 |
| 85.9 | 166.5 | 25138.3 | 25.0 | -50.3 | -49.9 | 50.4 | 6.1 | -4.7 | -3.9 | 640.3 | 640.3 | 0.1 | 70.1 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

* BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 562
NORTH PLATTE, NEB23 APRIL 1975
2315 GMT

147 100 0

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MR RTD GM/SEC | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|------------------|-----------|-------------|-----------|
| 0.0 | 14.3 | 847.0 | 908.2 | 23.9 | 6.2 | 120.0 | 7.2 | -6.2 | 3.6 | 306.2 | 324.0 | 6.6 | 32.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 1000.0 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 15.0 | 926.0 | 908.0 | 22.0 | 6.5 | 99.9 | 99.9 | 99.9 | 99.9 | 305.3 | 327.0 | 7.8 | 41.9 | 99.9 | 99.9 |
| 1.3 | 17.2 | 1169.4 | 875.0 | 19.3 | 6.9 | 99.9 | 99.9 | 99.9 | 99.9 | 305.8 | 324.0 | 7.2 | 44.5 | 99.9 | 99.9 |
| 2.1 | 19.6 | 1417.9 | 859.0 | 17.2 | 7.0 | 135.8 | 6.9 | -4.8 | 5.0 | 305.1 | 325.9 | 7.4 | 51.1 | 1.1 | 31.6 |
| 2.8 | 21.8 | 1671.7 | 825.0 | 14.7 | 5.5 | 146.0 | 6.9 | -3.9 | 5.8 | 305.1 | 324.5 | 6.9 | 54.0 | 1.4 | 31.6 |
| 3.7 | 24.3 | 1931.3 | 800.0 | 12.3 | 4.0 | 146.0 | 4.5 | -2.3 | 3.9 | 305.1 | 323.1 | 6.4 | 56.8 | 1.7 | 31.6 |
| 4.5 | 26.7 | 2196.5 | 775.0 | 10.0 | 2.7 | 167.9 | 5.6 | -1.2 | 5.5 | 305.4 | 322.4 | 6.0 | 60.5 | 1.7 | 32.0 |
| 5.2 | 29.3 | 2468.2 | 750.0 | 7.4 | 1.5 | 190.9 | 5.3 | 1.0 | 5.2 | 305.4 | 321.6 | 5.7 | 65.9 | 2.1 | 32.0 |
| 6.0 | 31.9 | 2746.3 | 725.0 | 4.9 | 0.4 | 213.5 | 5.3 | 2.9 | 4.4 | 305.5 | 321.0 | 5.4 | 72.5 | 2.3 | 31.6 |
| 6.9 | 34.6 | 3031.6 | 700.0 | 2.0 | -1.1 | 229.5 | 4.8 | 3.6 | 3.1 | 305.4 | 319.9 | 5.1 | 79.8 | 2.3 | 31.6 |
| 7.8 | 37.1 | 3324.5 | 675.0 | -0.2 | -1.8 | 248.0 | 4.6 | 6.1 | 2.5 | 305.0 | 320.4 | 5.0 | 89.2 | 2.4 | 31.6 |
| 8.9 | 39.9 | 3625.6 | 650.0 | -2.6 | -2.4 | 253.0 | 9.2 | 8.0 | 2.7 | 305.5 | 317.2 | 3.7 | 74.9 | 2.4 | 35.0 |
| 10.0 | 42.4 | 3936.1 | 625.0 | -4.6 | -12.1 | 252.4 | 11.5 | 11.0 | 3.5 | 307.5 | 314.8 | 2.4 | 55.6 | 2.7 | 17.0 |
| 11.5 | 45.4 | 4250.0 | 600.0 | -7.4 | -16.2 | 248.9 | 13.1 | 12.2 | 4.7 | 307.8 | 314.2 | 2.1 | 57.9 | 3.3 | 2.0 |
| 12.7 | 48.4 | 4555.9 | 575.0 | -9.9 | -18.5 | 250.1 | 13.6 | 12.8 | 4.6 | 308.6 | 313.5 | 1.6 | 49.6 | 4.2 | 3.0 |
| 14.0 | 51.3 | 4927.5 | 550.0 | -12.2 | -25.1 | 252.2 | 14.2 | 13.5 | 4.4 | 309.6 | 312.5 | 0.9 | 33.2 | 5.0 | 4.3 |
| 15.1 | 54.4 | 5282.1 | 525.0 | -13.9 | -35.3 | 253.5 | 14.8 | 14.2 | 4.2 | 311.7 | 312.9 | 0.4 | 14.4 | 6.0 | 4.4 |
| 16.5 | 57.4 | 5551.2 | 500.0 | -15.7 | -36.4 | 258.6 | 14.6 | 14.4 | 2.6 | 313.9 | 315.3 | 0.4 | 18.5 | 7.0 | 5.2 |
| 17.9 | 60.6 | 6035.1 | 475.0 | -18.2 | -32.4 | 258.7 | 14.3 | 14.0 | 2.9 | 315.4 | 317.2 | 0.5 | 27.5 | 9.1 | 5.7 |
| 19.4 | 64.0 | 6437.2 | 450.0 | -21.1 | -37.1 | 256.4 | 15.4 | 15.0 | 3.6 | 319.7 | 317.9 | 0.3 | 22.1 | 9.1 | 5.7 |
| 21.0 | 67.4 | 6856.3 | 425.0 | -24.6 | -38.1 | 262.0 | 17.9 | 17.7 | 2.5 | 317.5 | 318.9 | 0.4 | 33.1 | 10.9 | 5.2 |
| 22.6 | 70.9 | 7294.7 | 400.0 | -28.1 | -38.3 | 262.8 | 21.0 | 20.9 | 2.6 | 318.4 | 319.6 | 0.3 | 36.5 | 12.6 | 5.2 |
| 24.3 | 74.3 | 7754.7 | 375.0 | -31.8 | -41.7 | 261.5 | 22.0 | 21.8 | 3.3 | 319.5 | 320.4 | 0.3 | 36.2 | 14.7 | 5.2 |
| 26.1 | 78.3 | 8238.3 | 350.0 | -36.1 | -46.6 | 259.9 | 23.0 | 22.6 | 4.0 | 320.0 | 320.6 | 0.2 | 32.7 | 17.2 | 7.0 |
| 27.9 | 82.0 | 8747.9 | 325.0 | -40.3 | -46.9 | 258.7 | 27.0 | 26.2 | 6.7 | 321.1 | 320.9 | 99.9 | 99.9 | 19.7 | 71.0 |
| 29.9 | 86.2 | 9288.1 | 300.0 | -45.2 | -49.9 | 250.5 | 29.2 | 27.5 | 9.7 | 321.7 | 320.9 | 99.9 | 99.9 | 23.2 | 71.0 |
| 31.7 | 90.6 | 9864.9 | 275.0 | -50.2 | -49.9 | 246.9 | 33.6 | 30.9 | 13.2 | 322.6 | 320.9 | 99.9 | 99.9 | 26.6 | 71.0 |
| 33.6 | 95.3 | 10478.0 | 250.0 | -55.6 | -49.9 | 246.4 | 37.5 | 33.8 | 16.2 | 323.4 | 320.9 | 99.9 | 99.9 | 30.5 | 71.0 |
| 35.7 | 100.3 | 11140.3 | 225.0 | -60.0 | -49.9 | 247.2 | 36.6 | 33.8 | 14.2 | 326.6 | 320.9 | 99.9 | 99.9 | 35.1 | 6.0 |
| 38.6 | 105.3 | 11875.2 | 200.0 | -60.2 | -49.9 | 248.1 | 32.9 | 30.5 | 12.2 | 337.5 | 320.9 | 99.9 | 99.9 | 41.4 | 0.0 |
| 41.4 | 110.8 | 12713.6 | 175.0 | -57.2 | -49.9 | 248.9 | 36.7 | 34.3 | 13.2 | 335.5 | 320.9 | 99.9 | 99.9 | 47.8 | 0.0 |
| 44.8 | 117.0 | 13686.6 | 150.0 | -57.4 | -49.9 | 249.1 | 29.3 | 27.4 | 10.5 | 371.3 | 320.9 | 99.9 | 99.9 | 54.1 | 0.0 |
| 48.5 | 124.0 | 14544.1 | 125.0 | -54.2 | -49.9 | 248.4 | 28.8 | 24.4 | 11.1 | 350.9 | 320.9 | 99.9 | 99.9 | 61.6 | 0.0 |
| 53.0 | 131.3 | 16266.5 | 100.0 | -58.1 | -49.9 | 243.9 | 26.6 | 24.3 | 10.8 | 415.6 | 320.9 | 99.9 | 99.9 | 69.2 | 5.0 |
| 59.4 | 139.2 | 18095.1 | 75.0 | -58.2 | -49.9 | 235.1 | 20.3 | 16.7 | 11.6 | 450.8 | 320.9 | 99.9 | 99.9 | 79.3 | 6.7 |
| 67.5 | 147.0 | 20440.1 | 50.0 | -56.8 | -49.9 | 242.8 | 4.0 | 3.6 | 1.8 | 509.5 | 320.9 | 99.9 | 99.9 | 81.3 | 6.7 |
| 80.3 | 155.0 | 23110.0 | 25.0 | -50.2 | -49.9 | 270.1 | 2.5 | 2.5 | -0.3 | 640.3 | 320.9 | 99.9 | 99.9 | 84.8 | 6.7 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 606
PORTLAND, ME

23 APRIL 1975
2315 GMT

| TIME MIN | TCT | HEIGHT CM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED K/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MR RTO CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|--------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 4.5 | 20.0 | 1021.4 | 9.4 | -2.8 | 190.0 | 6.2 | 1.1 | 6.1 | 281.2 | 289.3 | 3.0 | 42.0 | 0.0 | 0. |
| 0.6 | 6.2 | 195.9 | 1000.0 | 10.0 | -4.7 | 202.2 | 8.3 | 3.1 | 7.7 | 283.5 | 290.7 | 2.7 | 35.1 | 0.4 | 13. |
| 1.3 | 6.7 | 406.1 | 975.0 | 10.1 | -6.9 | 205.8 | 6.4 | 3.7 | 7.6 | 285.6 | 292.1 | 2.3 | 29.5 | 0.8 | 19. |
| 2.1 | 11.0 | 622.1 | 950.0 | 10.7 | -10.2 | 214.8 | 6.7 | 3.8 | 5.5 | 288.3 | 293.5 | 1.9 | 21.9 | 1.1 | 22. |
| 2.7 | 13.5 | 843.4 | 925.0 | 8.9 | -11.4 | 231.2 | 5.4 | 4.2 | 3.4 | 288.6 | 293.5 | 1.7 | 22.5 | 1.4 | 25. |
| 3.5 | 15.8 | 1062.2 | 900.0 | 7.0 | -12.2 | 253.6 | 4.3 | 4.1 | 1.2 | 289.0 | 293.7 | 1.7 | 23.8 | 1.5 | 30. |
| 4.2 | 16.4 | 1256.7 | 875.0 | 4.8 | -12.6 | 267.5 | 4.0 | 4.0 | 0.2 | 288.9 | 293.7 | 1.7 | 27.1 | 1.6 | 35. |
| 5.0 | 20.8 | 1538.9 | 850.0 | 2.6 | -13.0 | 270.5 | 4.6 | 4.6 | -0.8 | 289.1 | 293.8 | 1.7 | 30.5 | 1.8 | 40. |
| 5.8 | 23.4 | 1775.2 | 825.0 | 0.3 | -14.7 | 285.9 | 5.5 | 5.5 | 0.4 | 289.1 | 293.8 | 1.5 | 31.2 | 1.9 | 45. |
| 6.5 | 26.0 | 2021.0 | 800.0 | -1.4 | -20.3 | 282.6 | 5.3 | 5.2 | -1.2 | 289.8 | 293.6 | 0.9 | 22.0 | 2.1 | 50. |
| 7.3 | 28.7 | 2273.3 | 775.0 | -3.1 | -22.7 | 318.9 | 5.1 | 3.6 | -3.6 | 290.6 | 293.0 | 0.8 | 20.3 | 2.2 | 56. |
| 8.2 | 31.5 | 2532.2 | 750.0 | -4.3 | -23.7 | 318.9 | 6.7 | 4.4 | -5.3 | 292.0 | 294.3 | 0.7 | 20.1 | 2.2 | 64. |
| 9.2 | 34.3 | 2758.5 | 725.0 | -5.8 | -23.7 | 310.8 | 8.4 | 6.4 | -5.3 | 293.2 | 295.6 | 0.8 | 22.7 | 2.4 | 74. |
| 10.2 | 37.0 | 3072.1 | 700.0 | -7.9 | -26.1 | 304.1 | 9.8 | 8.1 | -5.5 | 293.8 | 295.8 | 0.6 | 21.5 | 2.8 | 81. |
| 11.4 | 40.0 | 3353.2 | 675.0 | -7.9 | -28.2 | 303.4 | 11.3 | 9.5 | -6.2 | 296.8 | 298.6 | 0.5 | 17.7 | 3.4 | 92. |
| 12.3 | 42.8 | 3647.9 | 650.0 | -9.5 | -28.5 | 301.5 | 12.5 | 10.7 | -6.6 | 298.3 | 300.1 | 0.6 | 19.3 | 4.0 | 97. |
| 13.4 | 45.9 | 3949.6 | 625.0 | -11.7 | -29.3 | 299.2 | 13.3 | 11.6 | -6.5 | 299.1 | 300.8 | 0.5 | 21.5 | 4.7 | 100. |
| 14.5 | 49.0 | 4260.7 | 600.0 | -14.6 | -29.2 | 301.3 | 14.2 | 12.1 | -7.4 | 299.2 | 301.0 | 0.6 | 27.5 | 5.6 | 104. |
| 15.5 | 51.9 | 4581.6 | 575.0 | -17.2 | -29.6 | 301.2 | 14.7 | 12.6 | -7.6 | 299.8 | 301.6 | 0.6 | 33.0 | 6.5 | 109. |
| 16.6 | 55.1 | 4913.6 | 550.0 | -18.1 | -21.9 | 297.8 | 17.3 | 15.3 | -6.1 | 302.7 | 306.4 | 1.2 | 71.9 | 7.4 | 139. |
| 17.6 | 58.1 | 5260.7 | 525.0 | -19.4 | -20.7 | 296.7 | 19.6 | 17.5 | -8.8 | 305.3 | 309.5 | 1.4 | 88.9 | 8.6 | 109. |
| 18.9 | 61.6 | 5622.3 | 500.0 | -21.3 | -22.3 | 299.0 | 23.4 | 20.5 | -11.4 | 307.2 | 311.1 | 1.3 | 91.3 | 10.2 | 110. |
| 20.1 | 65.1 | 5995.2 | 475.0 | -23.7 | -24.8 | 302.4 | 25.4 | 21.4 | -13.6 | 308.8 | 312.2 | 1.1 | 90.2 | 11.9 | 112. |
| 21.4 | 68.6 | 6392.4 | 450.0 | -26.3 | -27.3 | 304.1 | 24.7 | 20.4 | -13.8 | 310.2 | 313.1 | 0.9 | 91.6 | 13.9 | 114. |
| 23.0 | 72.0 | 6803.5 | 425.0 | -28.7 | -31.0 | 306.9 | 29.4 | 23.5 | -17.7 | 312.2 | 314.4 | 0.7 | 80.6 | 16.4 | 115. |
| 24.5 | 75.9 | 7234.9 | 400.0 | -31.9 | -35.6 | 307.4 | 29.0 | 23.1 | -17.6 | 313.5 | 315.0 | 0.5 | 69.4 | 19.0 | 117. |
| 26.3 | 79.8 | 7687.5 | 375.0 | -35.6 | -39.6 | 305.7 | 31.5 | 25.6 | -18.4 | 314.4 | 315.5 | 0.3 | 66.4 | 22.2 | 119. |
| 28.3 | 83.8 | 8168.7 | 350.0 | -38.8 | -42.5 | 305.5 | 32.9 | 26.8 | -19.1 | 316.3 | 317.2 | 0.3 | 67.6 | 26.1 | 120. |
| 30.5 | 88.0 | 8659.2 | 325.0 | -42.6 | 99.9 | 307.0 | 37.3 | 29.8 | -22.4 | 318.0 | 999.9 | 99.9 | 999.9 | 30.7 | 120. |
| 32.9 | 92.6 | 9203.1 | 300.0 | -46.3 | 99.9 | 310.5 | 40.9 | 31.1 | -26.6 | 320.2 | 999.9 | 99.9 | 999.9 | 36.2 | 122. |
| 35.2 | 97.2 | 9750.1 | 275.0 | -49.5 | 99.9 | 308.3 | 49.5 | 38.8 | -30.7 | 323.6 | 999.9 | 99.9 | 999.9 | 42.6 | 123. |
| 37.8 | 102.0 | 10346.4 | 250.0 | -52.2 | 99.9 | 309.2 | 52.4 | 40.7 | -33.1 | 324.1 | 999.9 | 99.9 | 999.9 | 51.3 | 124. |
| 40.5 | 107.5 | 11061.7 | 225.0 | -59.8 | 99.9 | 311.5 | 56.9 | 42.6 | -37.7 | 327.0 | 999.9 | 99.9 | 999.9 | 58.0 | 125. |
| 42.0 | 113.3 | 11794.9 | 200.0 | -61.9 | 99.9 | 311.3 | 44.0 | 27.5 | -34.3 | 334.2 | 999.9 | 99.9 | 999.9 | 66.5 | 126. |
| 45.5 | 119.5 | 12610.9 | 175.0 | -65.5 | 99.9 | 303.7 | 32.1 | 26.7 | -17.8 | 340.2 | 999.9 | 99.9 | 999.9 | 72.1 | 127. |
| 48.8 | 126.3 | 13574.9 | 150.0 | -68.5 | 99.9 | 314.3 | 36.3 | 26.0 | -25.3 | 346.6 | 999.9 | 99.9 | 999.9 | 81.7 | 127. |
| 54.6 | 133.7 | 14740.4 | 125.0 | -58.2 | 99.9 | 309.8 | 22.5 | 17.3 | -14.4 | 393.2 | 999.9 | 99.9 | 999.9 | 89.7 | 127. |
| 60.2 | 141.0 | 16124.6 | 100.0 | -58.0 | 99.9 | 307.3 | 23.1 | 18.4 | -14.0 | 419.6 | 999.9 | 99.9 | 999.9 | 95.9 | 127. |
| 67.6 | 149.0 | 17585.8 | 75.0 | -57.2 | 99.9 | 127.3 | 3.6 | -2.8 | 2.2 | 453.1 | 999.9 | 99.9 | 999.9 | 104.4 | 129. |
| 78.3 | 157.3 | 20576.1 | 50.0 | -53.7 | 99.9 | 336.3 | 6.3 | 2.7 | -5.7 | 517.1 | 999.9 | 99.9 | 999.9 | 108.3 | 128. |
| 94.3 | 161.7 | 25045.1 | 25.0 | -51.6 | 99.9 | 339.1 | 3.7 | 1.3 | -3.8 | 636.8 | 999.9 | 99.9 | 999.9 | 118.0 | 128. |

ORIGINAL PAGE IS
OF POOR QUALITY

0 BY SPEC MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637
PLINT, MICH23 APRIL 1975
2315 GMT

153 15. 0

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEB PT DEG C | CIR DEG | SPEED M/SEC | U COMP M/SEC | V CORR M/SEC | POT T DEG K | E POT T DEG K | MR RTO CM/KG | RM PCT | RANGE RM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 5.2 | 236.0 | 977.2 | 13.9 | 12.8 | 210.0 | 8.7 | 4.3 | 7.5 | 290.2 | 314.9 | 9.6 | 93.6 | 0.2 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 19.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 7.4 | 250.0 | 975.0 | 13.9 | 12.5 | 211.1 | 9.9 | 5.1 | 8.5 | 290.4 | 314.8 | 9.4 | 91.2 | 0.1 | 6. |
| 0.7 | 7.3 | 475.5 | 950.0 | 13.0 | 11.6 | 215.9 | 15.0 | 0.3 | 12.9 | 291.6 | 315.2 | 9.1 | 90.9 | 0.6 | 10. |
| 1.4 | 6.3 | 699.7 | 925.0 | 11.6 | 10.5 | 227.2 | 19.8 | 14.5 | 13.4 | 292.3 | 315.0 | 8.7 | 93.2 | 1.3 | 36. |
| 2.2 | 11.2 | 528.8 | 900.0 | 10.4 | 9.4 | 242.5 | 21.2 | 18.8 | 9.6 | 293.3 | 315.2 | 8.3 | 93.7 | 2.2 | 43. |
| 2.9 | 13.3 | 1163.5 | 875.0 | 9.6 | 8.6 | 253.7 | 24.2 | 23.2 | 6.8 | 294.9 | 316.3 | 8.1 | 93.7 | 3.1 | 51. |
| 3.6 | 15.2 | 1408.1 | 850.0 | 8.4 | 7.5 | 265.3 | 24.0 | 23.9 | 2.0 | 296.0 | 316.6 | 7.7 | 93.6 | 4.1 | 56. |
| 4.7 | 17.4 | 1651.0 | 825.0 | 7.0 | 6.1 | 278.3 | 21.4 | 21.4 | -1.7 | 297.0 | 316.5 | 7.2 | 94.0 | 5.4 | 61. |
| 5.7 | 19.5 | 1903.9 | 800.0 | 5.4 | 4.5 | 270.3 | 24.6 | 24.6 | -0.1 | 297.8 | 316.8 | 6.6 | 93.4 | 6.6 | 72. |
| 6.6 | 21.5 | 2163.4 | 775.0 | 4.3 | 3.3 | 273.6 | 22.1 | 22.1 | -1.4 | 299.2 | 316.6 | 6.3 | 93.7 | 7.9 | 75. |
| 7.6 | 23.4 | 2429.9 | 750.0 | 4.2 | -0.4 | 281.5 | 25.2 | 24.7 | -5.0 | 301.4 | 309.8 | 2.5 | 36.7 | 9.1 | 74. |
| 8.5 | 25.6 | 2736.4 | 725.0 | 4.9 | -13.3 | 288.5 | 25.4 | 24.4 | -7.2 | 305.1 | 310.9 | 1.9 | 25.3 | 10.5 | 92. |
| 9.5 | 26.2 | 2991.7 | 700.0 | 3.5 | -23.7 | 299.7 | 26.0 | 24.5 | -8.8 | 306.4 | 309.0 | 0.8 | 11.5 | 11.7 | 95. |
| 10.4 | 30.5 | 3245.5 | 675.0 | 1.5 | -29.2 | 298.7 | 25.5 | 23.8 | -9.0 | 307.4 | 309.1 | 0.5 | 8.0 | 13.1 | 85. |
| 11.4 | 32.2 | 3582.0 | 650.0 | -0.7 | -26.2 | 298.3 | 25.2 | 23.9 | -7.9 | 308.2 | 310.5 | 0.7 | 12.4 | 14.4 | 90. |
| 12.3 | 35.5 | 3899.6 | 625.0 | -3.4 | -27.7 | 294.9 | 25.0 | 24.2 | -6.4 | 308.6 | 310.6 | 0.6 | 13.2 | 15.9 | 92. |
| 13.4 | 38.1 | 4220.4 | 600.0 | -6.3 | -28.6 | 281.4 | 25.6 | 25.0 | -5.0 | 308.9 | 311.3 | 0.7 | 18.0 | 17.4 | 91. |
| 14.5 | 40.5 | 4591.6 | 575.0 | -9.1 | -26.5 | 278.9 | 24.8 | 24.5 | -3.8 | 309.4 | 311.9 | 0.8 | 22.8 | 19.1 | 93. |
| 15.7 | 43.2 | 4893.6 | 550.0 | -11.8 | -31.5 | 272.9 | 25.3 | 25.1 | -2.7 | 310.1 | 311.8 | 0.5 | 17.7 | 20.8 | 94. |
| 16.9 | 46.3 | 5246.2 | 525.0 | -13.9 | -41.5 | 272.9 | 25.9 | 24.9 | -1.3 | 311.6 | 312.3 | 0.2 | 7.5 | 22.7 | 94. |
| 19.2 | 49.9 | 5617.1 | 500.0 | -18.1 | -33.6 | 269.3 | 23.8 | 23.8 | 0.3 | 313.3 | 313.9 | 0.2 | 7.2 | 24.5 | 94. |
| 19.5 | 51.9 | 6001.5 | 475.0 | -18.8 | -45.1 | 264.9 | 25.0 | 24.9 | 2.2 | 314.6 | 315.1 | 0.1 | 7.6 | 26.4 | 91. |
| 20.6 | 54.6 | 6402.2 | 450.0 | -21.6 | -47.1 | 260.0 | 29.3 | 20.0 | 3.5 | 316.0 | 316.5 | 0.1 | 7.9 | 28.2 | 93. |
| 22.0 | 57.9 | 6820.4 | 425.0 | -25.0 | -47.5 | 261.9 | 18.9 | 19.8 | 2.7 | 316.9 | 317.3 | 0.1 | 10.3 | 29.6 | 92. |
| 23.3 | 61.3 | 7257.6 | 400.0 | -28.5 | -48.3 | 265.4 | 18.6 | 18.5 | 1.5 | 317.9 | 318.3 | 0.1 | 11.9 | 30.7 | 91. |
| 24.7 | 64.4 | 7718.8 | 375.0 | -32.4 | -52.6 | 272.2 | 27.6 | 27.6 | -1.1 | 318.7 | 319.0 | 0.1 | 11.2 | 33.9 | 91. |
| 26.3 | 67.9 | 8198.5 | 350.0 | -36.6 | -53.1 | 268.7 | 31.9 | 31.9 | 0.8 | 319.3 | 319.6 | 0.1 | 16.1 | 35.4 | 91. |
| 27.6 | 71.4 | 8707.7 | 325.0 | -40.8 | -59.9 | 259.3 | 34.0 | 33.4 | 6.3 | 320.5 | 320.9 | 99.9 | 99.9 | 38.9 | 91. |
| 29.6 | 75.3 | 9248.2 | 300.0 | -45.4 | -69.2 | 246.6 | 34.2 | 29.5 | 14.8 | 322.2 | 322.7 | 99.9 | 99.9 | 42.4 | 92. |
| 31.4 | 78.4 | 9826.1 | 275.0 | -48.0 | -69.9 | 236.5 | 35.0 | 29.4 | 20.8 | 325.7 | 325.7 | 99.9 | 99.9 | 45.5 | 90. |
| 33.4 | 83.7 | 10447.9 | 250.0 | -52.0 | -69.9 | 233.4 | 39.1 | 31.5 | 23.2 | 327.2 | 327.2 | 99.9 | 99.9 | 48.2 | 94. |
| 35.4 | 88.2 | 11119.5 | 225.0 | -56.1 | -69.9 | 236.4 | 37.7 | 32.5 | 19.2 | 329.4 | 329.4 | 99.9 | 99.9 | 53.3 | 91. |
| 37.7 | 92.2 | 11856.9 | 200.0 | -58.7 | -69.9 | 240.0 | 35.8 | 33.4 | 12.8 | 330.0 | 330.0 | 99.9 | 99.9 | 58.5 | 92. |
| 40.3 | 98.4 | 12699.3 | 175.0 | -58.9 | -69.9 | 263.8 | 43.7 | 43.5 | 4.7 | 337.7 | 337.7 | 99.9 | 99.9 | 63.9 | 80. |
| 43.3 | 104.5 | 13682.6 | 150.0 | -51.3 | -69.9 | 266.3 | 32.1 | 32.1 | 2.1 | 342.2 | 342.2 | 99.9 | 99.9 | 70.0 | 91. |
| 46.8 | 111.3 | 14648.9 | 125.0 | -50.8 | -69.9 | 265.3 | 30.7 | 30.7 | 0.4 | 342.8 | 342.8 | 99.9 | 99.9 | 76.5 | 81. |
| 50.8 | 119.0 | 16245.9 | 100.0 | -57.0 | -69.9 | 275.8 | 45.2 | 29.0 | -2.9 | 417.6 | 399.9 | 99.9 | 99.9 | 83.2 | 82. |
| 54.1 | 128.7 | 18074.4 | 75.0 | -61.1 | -69.9 | 273.8 | 29.5 | 20.4 | -1.4 | 444.9 | 399.9 | 99.9 | 99.9 | 87.1 | 83. |
| 62 | 139.5 | 20628.0 | 50.0 | -54.6 | -69.9 | 320.1 | 6.9 | 4.0 | -5.6 | 518.2 | 399.9 | 99.9 | 99.9 | 91.1 | 87. |
| 73.9 | 152.0 | 25071.2 | 25.0 | -54.0 | -69.9 | 278.1 | 10.1 | 10.0 | -1.4 | 635.2 | 399.9 | 99.9 | 99.9 | 92.7 | 90. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 645
GREEN BAY, WIS20 APRIL 1975
2115 GBT

| TIME MIN | CATY | HEIGHT CM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V CCM M/SEC | POT T DEG K | E PUT Y DEG K | WZ RTO CM/SEC | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|--------------|------------|---------------|-----------------|------------|----------------|-----------------|----------------|----------------|------------------|------------------|-----------|-------------|-----------|
| 0.0 | 0.2 | 210.0 | 979.0 | 16.1 | 10.4 | 270.0 | 0.2 | 4.2 | 0.0 | 292.1 | 313.5 | 0.1 | 69.6 | 0.0 | 0 |
| 0.0 | 0.0 | 59.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 0.0 | 244.9 | 975.0 | 16.0 | 10.3 | 270.2 | 5.3 | 5.2 | -0.6 | 292.3 | 313.7 | 0.1 | 69.2 | 0.1 | 35 |
| 0.9 | 10.8 | 445.0 | 950.0 | 13.2 | 6.3 | 280.0 | 7.2 | 7.1 | -1.3 | 291.6 | 310.7 | 7.3 | 71.0 | 0.3 | 30 |
| 1.7 | 13.1 | 689.8 | 925.0 | 11.3 | 6.6 | 285.9 | 9.2 | 6.9 | -2.5 | 291.7 | 309.3 | 6.6 | 73.0 | 0.7 | 32 |
| 2.5 | 15.4 | 917.4 | 900.0 | 9.4 | 6.9 | 293.3 | 10.2 | 9.5 | -3.7 | 292.1 | 310.6 | 7.0 | 84.8 | 1.1 | 126 |
| 3.3 | 17.6 | 1150.5 | 875.0 | 7.3 | 6.1 | 298.0 | 9.9 | 8.7 | -4.8 | 292.2 | 310.2 | 6.8 | 92.3 | 1.6 | 130 |
| 4.2 | 20.3 | 1389.9 | 850.0 | 5.4 | 4.3 | 299.1 | 11.1 | 9.7 | -5.2 | 292.6 | 309.1 | 6.2 | 92.9 | 2.2 | 135 |
| 5.1 | 22.6 | 1632.8 | 825.0 | 4.6 | 1.1 | 297.7 | 14.9 | 14.2 | -4.5 | 294.1 | 307.9 | 5.1 | 78.9 | 2.9 | 130 |
| 6.1 | 25.2 | 1882.7 | 800.0 | 8.0 | -1.8 | 290.6 | 15.9 | 14.9 | -5.6 | 300.2 | 312.1 | 4.2 | 50.2 | 3.9 | 130 |
| 6.9 | 27.6 | 2147.4 | 775.0 | 7.3 | -10.6 | 286.4 | 16.2 | 15.5 | -4.6 | 302.9 | 306.5 | 2.2 | 26.6 | 4.6 | 110 |
| 7.9 | 30.3 | 2416.2 | 750.0 | 5.7 | -18.1 | 287.6 | 16.8 | 16.0 | -5.1 | 302.9 | 306.7 | 1.2 | 16.0 | 5.5 | 104 |
| 8.7 | 32.0 | 2692.1 | 725.0 | 3.3 | -18.1 | 285.4 | 17.7 | 17.1 | -4.7 | 303.3 | 307.2 | 1.3 | 18.9 | 6.4 | 104 |
| 9.8 | 35.6 | 2975.7 | 700.0 | 1.3 | -20.1 | 283.8 | 19.9 | 19.5 | -4.1 | 303.0 | 307.5 | 1.1 | 16.5 | 7.6 | 104 |
| 10.7 | 41.0 | 3266.9 | 675.0 | -1.1 | -20.8 | 279.1 | 20.2 | 19.8 | -3.2 | 303.5 | 307.9 | 1.1 | 20.4 | 8.7 | 104 |
| 11.4 | 41.0 | 3566.4 | 650.0 | -3.4 | -22.1 | 278.3 | 20.0 | 19.0 | -2.9 | 305.0 | 308.1 | 1.0 | 22.2 | 10.1 | 104 |
| 12.9 | 43.9 | 3975.2 | 625.0 | -5.8 | -24.8 | 281.0 | 19.3 | 18.9 | -3.7 | 305.9 | 308.5 | 0.8 | 20.6 | 11.3 | 135 |
| 14.0 | 46.9 | 4193.4 | 600.0 | -8.6 | -21.6 | 280.2 | 18.5 | 17.2 | -3.3 | 306.3 | 309.8 | 1.1 | 34.0 | 12.5 | 135 |
| 15.2 | 50.0 | 4571.4 | 575.0 | -11.6 | -25.3 | 275.0 | 18.4 | 19.3 | -2.0 | 306.5 | 309.2 | 0.8 | 31.0 | 13.9 | 135 |
| 16.5 | 52.9 | 4861.3 | 550.0 | -12.7 | -29.0 | 277.4 | 19.9 | 19.7 | -2.6 | 309.1 | 311.0 | 0.6 | 22.1 | 15.5 | 104 |
| 17.8 | 55.9 | 5212.9 | 525.0 | -15.2 | -31.3 | 275.0 | 20.6 | 20.4 | -3.2 | 310.1 | 311.9 | 0.5 | 23.7 | 17.1 | 135 |
| 19.2 | 59.1 | 5581.4 | 500.0 | -18.0 | -30.7 | 277.0 | 20.8 | 20.6 | -2.5 | 311.1 | 312.2 | 0.3 | 17.9 | 18.6 | 135 |
| 20.5 | 62.6 | 5962.6 | 475.0 | -20.8 | -43.2 | 271.1 | 20.4 | 20.4 | -0.4 | 312.2 | 312.2 | 0.0 | 1.0 | 20.4 | 104 |
| 21.8 | 65.0 | 6359.8 | 450.0 | -24.0 | -63.2 | 271.0 | 21.9 | 21.9 | -0.4 | 313.0 | 313.1 | 0.0 | 1.0 | 21.3 | 104 |
| 23.2 | 69.3 | 6774.2 | 425.0 | -26.9 | -67.1 | 271.9 | 24.3 | 24.2 | -0.8 | 314.5 | 314.6 | 0.0 | 1.0 | 24.0 | 135 |
| 24.8 | 72.9 | 7208.4 | 400.0 | -30.4 | -65.5 | 277.5 | 25.8 | 25.6 | -3.4 | 315.4 | 315.4 | 0.0 | 1.0 | 25.3 | 135 |
| 26.4 | 76.7 | 7662.5 | 375.0 | -34.4 | -72.1 | 277.1 | 26.7 | 26.5 | -3.3 | 316.0 | 316.1 | 0.0 | 1.0 | 26.7 | 94 |
| 28.1 | 80.5 | 8141.9 | 350.0 | -37.7 | -74.9 | 274.9 | 26.9 | 26.8 | -2.3 | 316.5 | 316.5 | 0.0 | 1.0 | 31.5 | 35 |
| 30.1 | 84.6 | 8645.8 | 325.0 | -41.7 | -79.9 | 272.8 | 29.6 | 29.6 | -1.4 | 317.0 | 317.0 | 99.9 | 99.9 | 34.9 | 94 |
| 32.0 | 89.7 | 9178.9 | 300.0 | -45.7 | -90.9 | 272.9 | 32.2 | 32.2 | -1.6 | 317.1 | 317.1 | 99.9 | 99.9 | 34.9 | 94 |
| 34.2 | 93.3 | 9745.7 | 275.0 | -49.7 | -90.9 | 272.3 | 32.2 | 32.2 | -1.3 | 318.2 | 318.2 | 99.9 | 99.9 | 42.5 | 94 |
| 36.3 | 98.0 | 10253.4 | 250.0 | -53.7 | -90.9 | 280.1 | 33.3 | 33.1 | 3.4 | 322.1 | 322.1 | 99.9 | 99.9 | 46.2 | 94 |
| 38.4 | 103.0 | 10723.6 | 225.0 | -57.7 | -90.9 | 280.9 | 35.0 | 34.1 | 7.4 | 333.5 | 333.5 | 99.9 | 99.9 | 51.1 | 94 |
| 40.4 | 108.3 | 11769.6 | 200.0 | -61.7 | -90.9 | 250.9 | 36.3 | 33.7 | 6.5 | 341.5 | 341.5 | 99.9 | 99.9 | 56.4 | 94 |
| 42.4 | 114.3 | 12619.8 | 175.0 | -64.4 | -90.9 | 261.5 | 36.9 | 34.9 | 5.5 | 340.1 | 340.1 | 99.9 | 99.9 | 67.1 | 94 |
| 44.9 | 120.7 | 13610.3 | 150.0 | -67.0 | -90.9 | 267.6 | 33.6 | 33.5 | 1.4 | 370.8 | 370.8 | 99.9 | 99.9 | 65.9 | 94 |
| 47.1 | 124.0 | 14769.4 | 125.0 | -69.6 | -90.9 | 253.0 | 24.2 | 24.1 | 7.1 | 390.8 | 390.8 | 99.9 | 99.9 | 76.7 | 94 |
| 49.7 | 129.8 | 16215.1 | 100.0 | -72.3 | -90.9 | 272.2 | 25.7 | 25.7 | -1.3 | 420.5 | 420.5 | 99.9 | 99.9 | 84.7 | 94 |
| 52.1 | 134.0 | 17951.7 | 75.0 | -74.8 | -90.9 | 253.5 | 3.7 | 3.6 | 1.1 | 451.8 | 451.8 | 99.9 | 99.9 | 90.4 | 94 |
| 54.7 | 144.0 | 19951.7 | 50.0 | -76.8 | -90.9 | 237.7 | 5.1 | -4.3 | -2.7 | 513.5 | 513.5 | 99.9 | 99.9 | 95.0 | 94 |
| 57.0 | 152.3 | 22010.5 | 25.0 | -78.2 | -90.9 | 21.9 | 8.1 | -6.3 | -0.5 | 640.1 | 640.1 | 99.9 | 99.9 | 97.0 | 94 |
| 59.6 | 163.3 | 25090.3 | 25.0 | -80.4 | -90.9 | 21.9 | 8.1 | -6.3 | -0.5 | 640.1 | 640.1 | 99.9 | 99.9 | 97.0 | 94 |

ORIGINAL PAGE IS
OF POOR QUALITY

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 004
MORON. S O
23 APRIL 1975
2315 GMT

| TIME MIN | CHYCT | HEIGHT CM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MR WTD CM/SEC | RM PCT | RANGE NM | AZ DEG |
|-------------|-------|--------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|------------------|-----------|-------------|-----------|
| 000 | 000 | 39200 | 902.4 | 13.9 | 9.3 | 300 | 4.2 | -2.1 | -3.4 | 291.0 | 306.5 | 5.0 | 54.0 | 0.0 | 00 |
| 005 | 000 | 10000 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 010 | 000 | 99.0 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 015 | 000 | 501.1 | 950.0 | 12.2 | 4.0 | 230.4 | 10.6 | 0.5 | 0.3 | 290.3 | 305.4 | 5.7 | 61.0 | 0.5 | 230 |
| 101 | 110 | 723.9 | 925.0 | 9.8 | 4.0 | 99.9 | 99.9 | 99.9 | 99.9 | 290.1 | 305.4 | 5.0 | 70.2 | 99.9 | 99.9 |
| 109 | 130 | 950.0 | 900.0 | 7.7 | 5.1 | 799.9 | 99.9 | 99.9 | 99.9 | 290.7 | 304.3 | 0.1 | 83.5 | 99.9 | 99.9 |
| 207 | 150 | 1102.0 | 875.0 | 5.5 | 4.5 | 99.9 | 99.9 | 99.9 | 99.9 | 290.4 | 304.3 | 0.1 | 93.3 | 99.9 | 99.9 |
| 305 | 170 | 1419.2 | 850.0 | 3.0 | 3.4 | 100.7 | 3.1 | -0.9 | -3.6 | 290.2 | 304.3 | 0.1 | 93.3 | 99.9 | 99.9 |
| 402 | 190 | 1602.4 | 825.0 | 7.0 | -10.4 | 340.1 | 2.2 | 0.4 | -3.4 | 290.2 | 304.3 | 1.1 | 14.2 | 0.0 | 104 |
| 501 | 210 | 1918.4 | 800.0 | 6.0 | -13.3 | 292.4 | 3.2 | 3.0 | -1.2 | 290.0 | 304.3 | 1.0 | 23.0 | 0.9 | 100 |
| 509 | 200 | 2175.1 | 775.0 | 5.0 | -12.0 | 271.0 | 4.3 | 4.3 | -0.3 | 290.4 | 304.3 | 2.0 | 27.9 | 0.9 | 175 |
| 609 | 200 | 2441.7 | 750.0 | 2.0 | -11.1 | 271.3 | 5.0 | 5.0 | -0.1 | 300.0 | 300.0 | 2.2 | 30.0 | 1.0 | 100 |
| 707 | 200 | 2715.5 | 725.0 | 1.1 | -9.7 | 267.0 | 0.5 | 0.5 | 0.0 | 301.0 | 300.0 | 2.7 | 40.0 | 1.2 | 102 |
| 806 | 200 | 2976.9 | 700.0 | -0.6 | -12.9 | 260.4 | 10.0 | 10.0 | 0.0 | 302.1 | 300.0 | 2.0 | 30.0 | 1.5 | 125 |
| 905 | 200 | 3240.4 | 675.0 | -2.7 | -17.7 | 271.2 | 10.3 | 10.3 | -0.2 | 302.8 | 300.0 | 1.6 | 30.3 | 2.1 | 114 |
| 1006 | 200 | 3500.7 | 650.0 | -4.7 | -23.8 | 273.0 | 11.6 | 11.6 | -0.4 | 303.0 | 300.0 | 0.9 | 20.7 | 2.7 | 110 |
| 1106 | 200 | 3692.0 | 625.0 | -6.6 | -29.4 | 274.4 | 12.7 | 12.7 | -0.9 | 303.0 | 300.0 | 0.9 | 23.3 | 3.4 | 106 |
| 1207 | 200 | 4000.0 | 600.0 | -8.9 | -35.7 | 272.0 | 14.3 | 14.3 | -1.1 | 303.0 | 300.0 | 0.1 | 11.5 | 5.2 | 101 |
| 1300 | 200 | 4337.3 | 575.0 | -11.5 | -41.5 | 265.7 | 15.1 | 15.1 | -0.1 | 306.0 | 300.0 | 0.1 | 9.0 | 6.3 | 99 |
| 1400 | 200 | 4677.6 | 550.0 | -13.0 | -46.4 | 260.6 | 15.3 | 15.3 | 0.1 | 306.7 | 300.0 | 0.1 | 8.4 | 7.3 | 97 |
| 1502 | 200 | 5020.4 | 525.0 | -16.2 | -52.3 | 260.6 | 15.3 | 15.3 | 0.1 | 306.7 | 300.0 | 0.1 | 8.4 | 8.5 | 94 |
| 1607 | 200 | 5394.5 | 500.0 | -19.1 | -58.2 | 260.1 | 15.7 | 15.7 | 0.1 | 306.7 | 300.0 | 0.1 | 8.4 | 9.6 | 94 |
| 1707 | 200 | 5773.7 | 475.0 | -22.7 | -63.0 | 260.1 | 15.4 | 15.4 | 0.1 | 306.7 | 300.0 | 0.1 | 8.4 | 10.7 | 94 |
| 1809 | 200 | 6160.2 | 450.0 | -25.5 | -68.6 | 260.1 | 15.4 | 15.4 | 0.1 | 306.7 | 300.0 | 0.1 | 8.4 | 11.7 | 93 |
| 1903 | 200 | 6570.7 | 425.0 | -28.4 | -74.7 | 260.1 | 15.4 | 15.4 | 0.1 | 306.7 | 300.0 | 0.1 | 8.4 | 12.0 | 92 |
| 2003 | 200 | 6970.6 | 400.0 | -32.1 | -80.7 | 260.1 | 15.4 | 15.4 | 0.1 | 306.7 | 300.0 | 0.1 | 8.4 | 13.3 | 92 |
| 2103 | 200 | 7403.4 | 375.0 | -35.7 | -86.6 | 260.1 | 15.4 | 15.4 | 0.1 | 306.7 | 300.0 | 0.1 | 8.4 | 14.6 | 90 |
| 2209 | 200 | 7841.5 | 350.0 | -38.6 | -92.7 | 260.1 | 15.4 | 15.4 | 0.1 | 306.7 | 300.0 | 0.1 | 8.4 | 15.2 | 91 |
| 2305 | 200 | 8280.0 | 325.0 | -42.9 | -99.9 | 260.1 | 15.4 | 15.4 | 0.1 | 306.7 | 300.0 | 0.1 | 8.4 | 16.9 | 90 |
| 2402 | 200 | 8742.1 | 300.0 | -46.0 | -106.0 | 260.1 | 15.4 | 15.4 | 0.1 | 306.7 | 300.0 | 0.1 | 8.4 | 18.6 | 89 |
| 2501 | 200 | 9192.1 | 275.0 | -50.3 | -112.9 | 260.1 | 15.4 | 15.4 | 0.1 | 306.7 | 300.0 | 0.1 | 8.4 | 20.7 | 84 |
| 2601 | 200 | 9715.0 | 250.0 | -55.2 | -120.0 | 260.1 | 15.4 | 15.4 | 0.1 | 306.7 | 300.0 | 0.1 | 8.4 | 23.1 | 89 |
| 2705 | 200 | 10370.2 | 225.0 | -60.7 | -128.0 | 260.1 | 15.4 | 15.4 | 0.1 | 306.7 | 300.0 | 0.1 | 8.4 | 25.0 | 88 |
| 2802 | 200 | 11033.9 | 200.0 | -66.0 | -136.0 | 260.1 | 15.4 | 15.4 | 0.1 | 306.7 | 300.0 | 0.1 | 8.4 | 27.0 | 87 |
| 2901 | 200 | 11765.7 | 175.0 | -71.5 | -144.0 | 260.1 | 15.4 | 15.4 | 0.1 | 306.7 | 300.0 | 0.1 | 8.4 | 29.0 | 86 |
| 3001 | 200 | 12500.1 | 150.0 | -77.0 | -152.0 | 260.1 | 15.4 | 15.4 | 0.1 | 306.7 | 300.0 | 0.1 | 8.4 | 30.9 | 85 |
| 3103 | 200 | 13290.5 | 125.0 | -82.5 | -160.0 | 260.1 | 15.4 | 15.4 | 0.1 | 306.7 | 300.0 | 0.1 | 8.4 | 32.9 | 84 |
| 3201 | 200 | 14075.5 | 100.0 | -88.0 | -168.0 | 260.1 | 15.4 | 15.4 | 0.1 | 306.7 | 300.0 | 0.1 | 8.4 | 34.9 | 83 |
| 3300 | 200 | 14850.5 | 75.0 | -93.5 | -176.0 | 260.1 | 15.4 | 15.4 | 0.1 | 306.7 | 300.0 | 0.1 | 8.4 | 36.9 | 82 |
| 3400 | 200 | 15615.5 | 50.0 | -99.0 | -184.0 | 260.1 | 15.4 | 15.4 | 0.1 | 306.7 | 300.0 | 0.1 | 8.4 | 38.9 | 81 |
| 3500 | 200 | 16380.1 | 25.0 | -104.5 | -192.0 | 260.1 | 15.4 | 15.4 | 0.1 | 306.7 | 300.0 | 0.1 | 8.4 | 40.9 | 80 |
| 3601 | 200 | 17135.1 | 0.0 | -110.0 | -200.0 | 260.1 | 15.4 | 15.4 | 0.1 | 306.7 | 300.0 | 0.1 | 8.4 | 42.9 | 79 |

00 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
00 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 655
SF C. QUD. MINN

23 APRIL 1978
2318 GMT

| TIME MIN | CHTCY | WEIGHT CPA | PRES MB | TEMP DE C | CLV PT DE C | IR DE | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DE K | E POT T DE K | MR STO CA/SEC | RM PCT | RANGE K | AZ DE |
|-------------|-------|---------------|------------|--------------|----------------|----------|----------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|------------|-----------|
| 0.5 | 7.0 | 316.0 | 972.2 | 10.2 | 7.1 | 300.0 | 0.2 | 0.0 | -0.2 | 200.2 | 303.4 | 0.5 | 01.0 | 0.0 | 0.0 |
| 0.5 | 90.0 | 90.0 | 1000.0 | 10.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 0.5 | 60.0 | 90.0 | 975.0 | 9.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 0.5 | 6.0 | 50.0 | 950.0 | 0.0 | 6.0 | 5.0 | 0.0 | -0.0 | -0.0 | 20.0 | 303.7 | 0.5 | 90.0 | 0.3 173.0 | 0.5 173.0 |
| 1.0 | 10.7 | 720.1 | 925.0 | 0.0 | 0.3 | 10.4 | 0.0 | -1.0 | -0.3 | 200.0 | 303.0 | 0.5 | 90.0 | 0.5 100.0 | 0.5 100.0 |
| 2.0 | 12.0 | 952.7 | 900.0 | 0.0 | 0.0 | 10.5 | 0.0 | -1.0 | -0.0 | 207.3 | 303.1 | 0.0 | 100.0 | 0.7 100.0 | 0.7 100.0 |
| 3.0 | 14.0 | 1102.5 | 875.0 | 0.0 | 0.0 | 7.0 | 0.0 | -0.3 | -0.3 | 200.0 | 306.5 | 0.0 | 90.0 | 0.9 100.0 | 0.9 100.0 |
| 4.0 | 16.0 | 1419.0 | 850.0 | 0.0 | 0.0 | 303.2 | 0.0 | 3.0 | -0.5 | 202.2 | 307.2 | 0.0 | 90.0 | 1.0 101.0 | 1.0 101.0 |
| 5.0 | 18.0 | 1663.3 | 825.0 | 0.0 | 0.0 | 321.1 | 0.0 | 3.2 | -0.0 | 203.3 | 308.1 | 0.0 | 90.0 | 1.2 172.0 | 1.2 172.0 |
| 6.0 | 20.0 | 1912.9 | 800.0 | 0.0 | 0.0 | 330.4 | 0.0 | 3.0 | -0.0 | 200.2 | 307.0 | 0.0 | 90.0 | 1.4 100.0 | 1.4 100.0 |
| 7.0 | 22.0 | 2160.5 | 775.0 | 0.0 | 0.0 | 317.2 | 0.0 | 3.0 | -0.0 | 200.7 | 305.4 | 0.0 | 90.0 | 1.6 140.0 | 1.6 140.0 |
| 8.0 | 24.0 | 2421.6 | 750.0 | 0.0 | 0.0 | 312.5 | 0.0 | 3.0 | -0.0 | 200.0 | 305.7 | 0.0 | 90.0 | 1.8 150.0 | 1.8 150.0 |
| 9.0 | 26.0 | 2700.5 | 725.0 | 0.0 | 0.0 | 302.5 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 2.0 150.0 | 2.0 150.0 |
| 10.0 | 28.0 | 2980.5 | 700.0 | 0.0 | 0.0 | 290.1 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 2.2 150.0 | 2.2 150.0 |
| 11.0 | 30.0 | 3275.5 | 675.0 | 0.0 | 0.0 | 280.6 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 2.4 150.0 | 2.4 150.0 |
| 12.0 | 32.0 | 3575.5 | 650.0 | 0.0 | 0.0 | 269.6 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 2.6 150.0 | 2.6 150.0 |
| 13.0 | 34.0 | 3870.1 | 625.0 | 0.0 | 0.0 | 258.8 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 2.8 150.0 | 2.8 150.0 |
| 14.0 | 36.0 | 4200.0 | 600.0 | 0.0 | 0.0 | 248.0 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 3.0 150.0 | 3.0 150.0 |
| 15.0 | 38.0 | 4520.0 | 575.0 | 0.0 | 0.0 | 237.2 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 3.2 150.0 | 3.2 150.0 |
| 16.0 | 40.0 | 4867.0 | 550.0 | 0.0 | 0.0 | 226.4 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 3.4 150.0 | 3.4 150.0 |
| 17.0 | 42.0 | 5210.2 | 525.0 | 0.0 | 0.0 | 215.6 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 3.6 150.0 | 3.6 150.0 |
| 18.0 | 44.0 | 5560.0 | 500.0 | 0.0 | 0.0 | 204.8 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 3.8 150.0 | 3.8 150.0 |
| 19.0 | 46.0 | 5900.0 | 475.0 | 0.0 | 0.0 | 194.0 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 4.0 150.0 | 4.0 150.0 |
| 20.0 | 48.0 | 6240.1 | 450.0 | 0.0 | 0.0 | 183.2 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 4.2 150.0 | 4.2 150.0 |
| 21.0 | 50.0 | 6580.1 | 425.0 | 0.0 | 0.0 | 172.4 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 4.4 150.0 | 4.4 150.0 |
| 22.0 | 52.0 | 6920.1 | 400.0 | 0.0 | 0.0 | 161.6 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 4.6 150.0 | 4.6 150.0 |
| 23.0 | 54.0 | 7260.1 | 375.0 | 0.0 | 0.0 | 150.8 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 4.8 150.0 | 4.8 150.0 |
| 24.0 | 56.0 | 7600.1 | 350.0 | 0.0 | 0.0 | 140.0 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 5.0 150.0 | 5.0 150.0 |
| 25.0 | 58.0 | 7940.1 | 325.0 | 0.0 | 0.0 | 129.2 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 5.2 150.0 | 5.2 150.0 |
| 26.0 | 60.0 | 8280.1 | 300.0 | 0.0 | 0.0 | 118.4 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 5.4 150.0 | 5.4 150.0 |
| 27.0 | 62.0 | 8620.1 | 275.0 | 0.0 | 0.0 | 107.6 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 5.6 150.0 | 5.6 150.0 |
| 28.0 | 64.0 | 8960.1 | 250.0 | 0.0 | 0.0 | 96.8 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 5.8 150.0 | 5.8 150.0 |
| 29.0 | 66.0 | 9300.1 | 225.0 | 0.0 | 0.0 | 86.0 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 6.0 150.0 | 6.0 150.0 |
| 30.0 | 68.0 | 9640.1 | 200.0 | 0.0 | 0.0 | 75.2 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 6.2 150.0 | 6.2 150.0 |
| 31.0 | 70.0 | 9980.1 | 175.0 | 0.0 | 0.0 | 64.4 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 6.4 150.0 | 6.4 150.0 |
| 32.0 | 72.0 | 10320.1 | 150.0 | 0.0 | 0.0 | 53.6 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 6.6 150.0 | 6.6 150.0 |
| 33.0 | 74.0 | 10660.1 | 125.0 | 0.0 | 0.0 | 42.8 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 6.8 150.0 | 6.8 150.0 |
| 34.0 | 76.0 | 11000.1 | 100.0 | 0.0 | 0.0 | 32.0 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 7.0 150.0 | 7.0 150.0 |
| 35.0 | 78.0 | 11340.1 | 75.0 | 0.0 | 0.0 | 21.2 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 7.2 150.0 | 7.2 150.0 |
| 36.0 | 80.0 | 11680.1 | 50.0 | 0.0 | 0.0 | 10.4 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 7.4 150.0 | 7.4 150.0 |
| 37.0 | 82.0 | 12020.1 | 25.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | -0.0 | 200.0 | 305.4 | 0.0 | 90.0 | 7.6 150.0 | 7.6 150.0 |

ORIGINAL PAGE IS
OF POOR QUALITY

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE AT TIME PAGE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 662
RAPID CITY, S D

23 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTD CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 15.3 | 966.0 | 898.4 | 11.7 | 7.8 | 50.0 | 6.2 | -4.7 | -4.0 | 294.7 | 314.5 | 7.4 | 77.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.8 | 17.3 | 1126.5 | 875.0 | 9.7 | 6.6 | 70.3 | 5.6 | -5.3 | -1.9 | 294.8 | 313.6 | 7.0 | 80.8 | 0.1 | 24.3 |
| 1.7 | 15.9 | 1426.8 | 850.0 | 7.7 | 6.5 | 70.3 | 4.0 | -3.9 | -0.9 | 295.1 | 314.4 | 7.2 | 92.5 | 0.6 | 24.6 |
| 2.5 | 22.0 | 1672.6 | 825.0 | 5.9 | 5.5 | 70.9 | 1.5 | -1.4 | -0.5 | 295.8 | 314.4 | 6.9 | 97.2 | 0.7 | 25.0 |
| 3.3 | 24.5 | 1924.7 | 800.0 | 4.7 | 4.3 | 167.2 | 2.0 | 0.3 | 2.0 | 297.1 | 314.9 | 6.6 | 97.2 | 0.7 | 25.1 |
| 4.2 | 26.9 | 2187.6 | 775.0 | 3.6 | 3.1 | 188.7 | 5.6 | 0.8 | 5.5 | 298.5 | 315.5 | 6.2 | 96.3 | 0.7 | 26.4 |
| 5.1 | 29.4 | 2450.3 | 750.0 | 4.6 | -0.1 | 99.9 | 99.9 | 99.9 | 99.9 | 302.0 | 311.3 | 3.2 | 45.6 | 99.9 | 99.9 |
| 5.9 | 32.1 | 2726.1 | 725.0 | 3.2 | -7.0 | 99.9 | 99.9 | 99.9 | 99.9 | 303.3 | 312.4 | 3.1 | 47.2 | 99.9 | 99.9 |
| 6.9 | 34.8 | 3009.5 | 700.0 | 1.0 | -9.4 | 242.2 | 14.0 | 12.4 | 6.5 | 303.9 | 311.9 | 2.7 | 45.7 | 1.0 | 24. |
| 7.9 | 37.3 | 3300.8 | 675.0 | -1.5 | -9.0 | 242.2 | 12.0 | 10.8 | 5.2 | 304.3 | 312.8 | 2.9 | 56.4 | 1.9 | 42. |
| 8.9 | 40.1 | 3600.0 | 650.0 | -4.2 | -11.0 | 248.4 | 13.0 | 11.9 | 5.2 | 304.6 | 312.1 | 2.5 | 58.8 | 2.4 | 48. |
| 10.0 | 42.7 | 3907.8 | 625.0 | -6.6 | -18.7 | 250.7 | 14.1 | 13.3 | 4.7 | 304.8 | 309.1 | 1.4 | 38.6 | 3.3 | 53. |
| 11.1 | 45.6 | 4225.2 | 600.0 | -9.1 | -19.6 | 256.3 | 15.1 | 14.6 | 3.8 | 305.8 | 310.0 | 1.3 | 42.0 | 4.2 | 54. |
| 12.2 | 48.6 | 4553.1 | 575.0 | -11.0 | -27.2 | 255.9 | 16.1 | 15.6 | 3.9 | 307.1 | 309.6 | 0.8 | 27.1 | 5.2 | 62. |
| 13.3 | 51.4 | 4893.2 | 550.0 | -13.3 | -36.0 | 99.9 | 99.9 | 99.9 | 99.9 | 308.3 | 303.4 | 0.3 | 12.7 | 99.9 | 99.9 |
| 14.5 | 54.5 | 5246.0 | 525.0 | -15.4 | -42.0 | 99.9 | 99.9 | 99.9 | 99.9 | 308.9 | 310.6 | 0.2 | 8.4 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 500.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 475.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 450.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 425.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 400.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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Sounding Data

24 April 1975

0600 GMT

ORIGINAL PAGE IS

STATION NO. 208
CHARLESTON, SC24 APRIL 1975
600 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT P DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.3 | 13.0 | 1023.4 | 17.8 | 14.5 | 170.0 | 4.1 | -0.7 | 4.0 | 290.4 | 316.7 | 10.2 | 61.0 | 0.0 | 0. |
| 0.6 | 6.0 | 212.2 | 1000.0 | 20.0 | 13.9 | 183.5 | 13.6 | 0.8 | 13.5 | 290.5 | 320.8 | 10.0 | 67.6 | 0.5 | 2. |
| 1.4 | 8.2 | 430.2 | 975.0 | 18.3 | 12.5 | 171.1 | 13.1 | -2.0 | 12.9 | 290.8 | 319.6 | 9.4 | 68.8 | 1.0 | 358. |
| 2.1 | 10.3 | 652.4 | 950.0 | 16.0 | 12.0 | 179.1 | 13.5 | -0.2 | 13.5 | 290.7 | 319.3 | 9.3 | 77.2 | 1.6 | 357. |
| 2.8 | 12.4 | 878.7 | 925.0 | 14.1 | 10.7 | 166.6 | 13.4 | 1.5 | 13.3 | 290.9 | 318.3 | 8.8 | 60.3 | 2.2 | 356. |
| 3.6 | 14.6 | 1109.7 | 900.0 | 12.4 | 9.0 | 195.1 | 12.8 | 3.3 | 12.4 | 295.4 | 316.8 | 8.0 | 79.2 | 2.8 | 1. |
| 4.4 | 16.7 | 1345.9 | 875.0 | 11.3 | 4.7 | 167.3 | 11.7 | 3.5 | 11.2 | 290.3 | 313.1 | 6.2 | 64.3 | 3.4 | 4. |
| 5.2 | 19.1 | 1588.1 | 850.0 | 11.6 | -2.4 | 220.0 | 9.8 | 6.3 | 7.5 | 290.8 | 309.5 | 3.8 | 37.4 | 3.9 | 7. |
| 6.1 | 21.2 | 1837.4 | 825.0 | 10.8 | -2.9 | 245.0 | 8.9 | 8.1 | 3.7 | 300.5 | 311.2 | 3.7 | 38.0 | 4.2 | 11. |
| 6.9 | 23.6 | 2053.1 | 800.0 | 8.6 | -0.5 | 263.3 | 7.7 | 7.7 | 0.9 | 300.9 | 313.9 | 4.4 | 52.8 | 4.4 | 16. |
| 7.4 | 25.8 | 2354.9 | 775.0 | 6.5 | 1.3 | 276.9 | 7.7 | 7.6 | -0.9 | 301.5 | 316.8 | 5.5 | 69.5 | 4.6 | 21. |
| 8.8 | 28.4 | 2623.4 | 750.0 | 4.7 | -2.9 | 282.7 | 9.0 | 8.8 | -2.0 | 302.3 | 314.1 | 4.1 | 57.7 | 4.7 | 27. |
| 9.7 | 30.9 | 2899.5 | 725.0 | 4.1 | -7.9 | 261.7 | 9.0 | 8.9 | -1.8 | 304.4 | 312.9 | 2.9 | 40.9 | 4.8 | 33. |
| 10.6 | 33.4 | 3184.6 | 700.0 | 3.1 | -13.7 | 288.2 | 8.3 | 7.9 | -2.6 | 306.1 | 311.9 | 1.9 | 27.8 | 5.0 | 78. |
| 11.6 | 36.0 | 3476.3 | 675.0 | 1.6 | -15.2 | 303.7 | 8.1 | 6.7 | -4.5 | 307.7 | 313.0 | 1.7 | 27.2 | 5.2 | 43. |
| 12.7 | 38.7 | 3782.5 | 650.0 | 0.3 | -0.4 | 317.3 | 9.1 | 6.2 | -6.7 | 310.0 | 326.7 | 5.8 | 95.4 | 5.2 | 49. |
| 13.7 | 41.3 | 4096.8 | 625.0 | -1.3 | -1.8 | 318.9 | 9.1 | 6.0 | -6.8 | 311.6 | 326.4 | 5.4 | 96.8 | 5.2 | 56. |
| 14.8 | 44.1 | 4421.5 | 600.0 | -3.4 | -4.0 | 304.8 | 8.4 | 6.9 | -4.8 | 312.7 | 326.8 | 4.8 | 96.0 | 5.3 | 62. |
| 15.8 | 47.1 | 4757.0 | 575.0 | -6.0 | -7.5 | 284.2 | 7.4 | 7.2 | -1.8 | 313.4 | 324.8 | 3.8 | 89.3 | 5.6 | 66. |
| 16.9 | 50.1 | 5104.4 | 550.0 | -7.7 | -8.4 | 261.9 | 10.0 | 9.9 | 1.4 | 315.4 | 326.6 | 3.7 | 94.6 | 6.1 | 68. |
| 18.1 | 53.0 | 5465.2 | 525.0 | -9.7 | -9.4 | 256.0 | 13.1 | 12.7 | 3.2 | 317.1 | 327.8 | 3.5 | 99.9 | 6.9 | 69. |
| 19.3 | 56.0 | 5841.0 | 500.0 | -11.5 | -11.7 | 262.8 | 14.2 | 14.1 | 1.8 | 319.4 | 329.2 | 3.1 | 98.5 | 7.9 | 70. |
| 20.7 | 59.3 | 6233.4 | 475.0 | -13.5 | -14.8 | 278.9 | 15.3 | 15.1 | -2.4 | 321.5 | 329.6 | 2.5 | 89.8 | 9.0 | 73. |
| 22.2 | 62.7 | 6643.2 | 450.0 | -16.1 | -16.1 | 279.6 | 17.6 | 17.4 | -2.9 | 323.1 | 329.7 | 1.7 | 71.7 | 10.4 | 77. |
| 23.7 | 66.0 | 7071.4 | 425.0 | -19.2 | -20.3 | 266.4 | 18.9 | 18.2 | -5.3 | 324.4 | 329.0 | 1.4 | 70.2 | 11.6 | 80. |
| 25.1 | 69.6 | 7516.8 | 400.0 | -22.8 | -26.8 | 290.2 | 22.8 | 21.4 | -7.9 | 325.4 | 329.0 | 1.1 | 70.0 | 13.4 | 84. |
| 26.7 | 73.1 | 7985.9 | 375.0 | -26.2 | -28.0 | 283.4 | 23.2 | 22.6 | -5.4 | 325.9 | 330.4 | 1.0 | 84.7 | 15.6 | 87. |
| 28.2 | 77.0 | 8485.2 | 350.0 | -30.2 | -33.3 | 280.5 | 19.4 | 19.0 | -3.5 | 328.0 | 330.3 | 0.7 | 74.6 | 17.4 | 89. |
| 29.9 | 80.9 | 9007.9 | 325.0 | -34.5 | -37.6 | 283.5 | 20.8 | 20.2 | -4.8 | 329.0 | 330.7 | 0.5 | 73.4 | 19.4 | 90. |
| 31.7 | 85.1 | 9561.9 | 300.0 | -39.3 | -39.9 | 285.6 | 22.8 | 21.5 | -7.7 | 329.9 | 330.9 | 99.9 | 99.9 | 21.5 | 92. |
| 33.4 | 89.4 | 10158.7 | 275.0 | -44.8 | -39.9 | 294.9 | 26.0 | 23.6 | -11.0 | 330.3 | 330.9 | 99.9 | 99.9 | 24.0 | 94. |
| 34.9 | 94.2 | 10775.8 | 250.0 | -50.8 | -39.9 | 295.9 | 26.3 | 23.7 | -11.5 | 330.5 | 330.9 | 99.9 | 99.9 | 26.2 | 96. |
| 36.4 | 99.0 | 11455.8 | 225.0 | -57.4 | -39.9 | 303.6 | 27.0 | 22.2 | -15.3 | 330.6 | 330.9 | 99.9 | 99.9 | 28.4 | 98. |
| 40.3 | 104.2 | 12157.7 | 200.0 | -59.8 | -39.9 | 303.6 | 35.9 | 29.9 | -19.9 | 330.0 | 330.9 | 99.9 | 99.9 | 35.2 | 103. |
| 44.2 | 110.0 | 13023.8 | 175.0 | -62.5 | -39.9 | 299.6 | 37.1 | 32.2 | -18.5 | -0.8 | 330.9 | 99.9 | 99.9 | 43.1 | 107. |
| 48.5 | 116.0 | 13588.9 | 150.0 | -58.4 | -39.9 | 296.9 | 25.4 | 22.6 | -11.5 | 36.5 | 330.9 | 99.9 | 99.9 | 51.3 | 109. |
| 53.4 | 123.5 | 15118.3 | 125.0 | -64.7 | -39.9 | 301.1 | 25.1 | 21.5 | -13.0 | 377.9 | 330.9 | 99.9 | 99.9 | 54.6 | 110. |
| 59.8 | 131.3 | 16467.7 | 100.0 | -65.8 | -39.9 | 289.7 | 13.9 | 13.0 | -4.6 | 393.0 | 330.9 | 99.9 | 99.9 | 65.5 | 111. |
| 68.4 | 140.0 | 18172.8 | 75.0 | -69.9 | -39.9 | 251.7 | 6.0 | 5.7 | 1.9 | 426.4 | 330.9 | 99.9 | 99.9 | 72.2 | 111. |
| 82.1 | 149.5 | 20630.5 | 50.0 | -61.9 | -39.9 | 338.9 | 6.1 | 2.2 | -5.7 | 457.6 | 330.9 | 99.9 | 99.9 | 76.9 | 111. |
| 99.9 | 99.9 | 99.9 | 25.0 | 59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 211
TAMPA, FLA24 APRIL 1975
530 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCMP M/SEC | POT T DG K | E POT T DG K | MR RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.5 | 8.0 | 1022.4 | 20.6 | 15.2 | 110.0 | 4.1 | -3.9 | 1.4 | 293.3 | 321.1 | 10.7 | 71.0 | 0.0 | 0. |
| 0.8 | 6.4 | 199.9 | 1000.0 | 20.3 | 15.1 | 115.4 | 11.7 | -10.5 | 5.0 | 294.9 | 323.4 | 10.9 | 72.0 | 0.4 | 292. |
| 1.6 | 8.7 | 418.5 | 975.0 | 19.2 | 12.0 | 126.3 | 13.1 | -10.6 | 7.7 | 295.7 | 319.8 | 9.1 | 63.1 | 1.0 | 297. |
| 2.5 | 10.9 | 641.5 | 950.0 | 18.1 | 9.9 | 131.2 | 11.9 | -8.9 | 7.8 | 296.7 | 318.4 | 8.1 | 58.7 | 1.6 | 302. |
| 3.4 | 13.3 | 859.4 | 925.0 | 16.6 | 7.2 | 127.9 | 9.5 | -7.5 | 5.8 | 297.2 | 315.9 | 6.9 | 53.8 | 2.3 | 304. |
| 4.3 | 15.7 | 1102.4 | 900.0 | 16.1 | 3.3 | 130.0 | 5.0 | -3.9 | 3.2 | 298.9 | 313.9 | 5.4 | 42.6 | 2.7 | 305. |
| 5.2 | 18.1 | 1341.7 | 875.0 | 15.7 | 1.9 | 118.9 | 0.9 | -0.8 | 0.4 | 300.7 | 314.9 | 5.0 | 39.7 | 2.8 | 305. |
| 6.1 | 20.5 | 1586.9 | 850.0 | 13.5 | 5. | 62.7 | 1.8 | -1.6 | -0.8 | 301.1 | 319.6 | 6.7 | 58.4 | 2.8 | 304. |
| 7.0 | 23.0 | 1837.5 | 825.0 | 11.7 | 5.0 | 38.7 | 2.1 | -1.3 | -1.6 | 301.8 | 320.3 | 6.7 | 63.6 | 2.9 | 302. |
| 8.0 | 25.5 | 2084.4 | 800.0 | 9.6 | 2.6 | 61.0 | 2.1 | -1.8 | -1.0 | 302.2 | 318.6 | 5.9 | 62.5 | 2.9 | 300. |
| 9.9 | 28.1 | 2337.2 | 775.0 | 8.6 | -11.2 | 82.0 | 2.1 | -2.1 | -0.3 | 303.3 | 309.6 | 2.1 | 23.1 | 3.0 | 298. |
| 10.0 | 30.9 | 2627.9 | 750.0 | 8.5 | -19.4 | 48.5 | 2.5 | -1.9 | -1.6 | 305.9 | 309.4 | 1.1 | 11.9 | 3.1 | 297. |
| 11.2 | 33.6 | 2907.6 | 725.0 | 8.0 | -20.4 | 37.7 | 4.6 | -2.8 | -3.6 | 308.4 | 311.7 | 1.0 | 11.2 | 3.1 | 292. |
| 12.3 | 36.1 | 3196.0 | 700.0 | 6.9 | -21.2 | 31.1 | 6.3 | -3.2 | -5.4 | 313.2 | 313.4 | 1.0 | 11.3 | 3.2 | 286. |
| 13.3 | 39.0 | 3494.0 | 675.0 | 5.6 | -22.1 | 22.7 | 6.2 | -2.4 | -5.7 | 312.1 | 315.2 | 1.0 | 11.4 | 3.4 | 279. |
| 14.5 | 41.7 | 3801.4 | 650.0 | 3.6 | -23.5 | 6.2 | 4.4 | -0.5 | -4.4 | 313.2 | 316.1 | 0.9 | 11.6 | 3.4 | 273. |
| 15.6 | 44.8 | 4118.4 | 625.0 | 1.5 | -25.0 | 356.8 | 4.7 | 0.3 | -4.7 | 314.2 | 316.8 | 0.8 | 11.8 | 3.4 | 259. |
| 16.8 | 47.8 | 4445.8 | 600.0 | -0.2 | -26.2 | 5.7 | 5.1 | -0.5 | -5.0 | 315.5 | 318.4 | 0.7 | 11.9 | 3.4 | 262. |
| 18.0 | 50.7 | 4785.0 | 575.0 | -2.1 | -27.5 | 336.4 | 4.3 | 1.7 | -3.9 | 317.6 | 319.9 | 0.7 | 12.1 | 3.5 | 256. |
| 19.3 | 53.8 | 5137.1 | 550.0 | -3.1 | -28.2 | 306.3 | 5.0 | 4.0 | -3.0 | 320.5 | 322.8 | 0.7 | 12.2 | 3.3 | 251. |
| 20.7 | 57.0 | 5504.5 | 525.0 | -4.4 | -29.2 | 295.8 | 8.1 | 7.3 | -3.5 | 323.1 | 325.3 | 0.6 | 12.3 | 3.0 | 244. |
| 22.1 | 60.4 | 5836.6 | 500.0 | -7.9 | -29.9 | 257.6 | 10.1 | 9.0 | -4.7 | 323.4 | 326.3 | 0.8 | 20.0 | 2.6 | 229. |
| 23.6 | 63.9 | 6282.6 | 475.0 | -11.4 | -29.7 | 295.0 | 8.9 | 8.0 | -3.7 | 323.9 | 326.3 | 0.7 | 20.2 | 2.4 | 234. |
| 25.2 | 67.1 | 6654.7 | 450.0 | -14.7 | -30.9 | 289.4 | 7.8 | 7.4 | -2.6 | 324.8 | 327.0 | 0.6 | 23.6 | 2.4 | 192. |
| 26.9 | 70.8 | 7125.4 | 425.0 | -17.4 | -38.5 | 283.4 | 7.7 | 7.5 | -1.8 | 326.7 | 327.8 | 0.3 | 13.8 | 2.7 | 174. |
| 28.7 | 74.5 | 7576.8 | 400.0 | -20.2 | -40.0 | 289.9 | 9.8 | 9.2 | -3.3 | 328.7 | 329.7 | 0.3 | 15.1 | 3.0 | 154. |
| 30.5 | 78.5 | 8051.7 | 375.0 | -23.7 | -35.8 | 306.5 | 14.1 | 11.3 | -8.4 | 330.1 | 331.9 | 0.5 | 31.9 | 4.1 | 147. |
| 32.4 | 82.3 | 8552.4 | 350.0 | -27.4 | -42.8 | 302.9 | 17.3 | 14.5 | -9.4 | 331.8 | 332.7 | 0.2 | 21.2 | 5.8 | 140. |
| 34.4 | 86.5 | 9080.6 | 325.0 | -32.2 | -46.7 | 306.3 | 17.6 | 14.2 | -10.4 | 332.2 | 332.8 | 0.2 | 22.0 | 7.9 | 130. |
| 36.9 | 91.0 | 9639.7 | 300.0 | -36.7 | -46.5 | 312.8 | 21.1 | 15.5 | -14.3 | 334.5 | 334.3 | 0.2 | 35.3 | 10.6 | 134. |
| 39.2 | 95.7 | 10235.9 | 275.0 | -42.1 | 99.9 | 313.6 | 19.9 | 14.4 | -13.7 | 334.3 | 334.3 | 99.9 | 99.9 | 13.7 | 134. |
| 41.6 | 100.5 | 10873.5 | 250.0 | -47.3 | 99.9 | 313.4 | 23.8 | 17.3 | -16.3 | 335.7 | 335.7 | 99.9 | 99.9 | 17.0 | 134. |
| 44.7 | 105.9 | 11560.8 | 225.0 | -53.3 | 99.9 | 315.7 | 25.9 | 18.1 | -18.5 | 336.9 | 336.9 | 99.9 | 99.9 | 21.3 | 134. |
| 47.8 | 111.5 | 12309.1 | 200.0 | -59.2 | 99.9 | 313.7 | 31.5 | 22.6 | -21.6 | 339.1 | 339.1 | 99.9 | 99.9 | 26.8 | 134. |
| 51.0 | 117.5 | 13135.1 | 175.0 | -64.6 | 99.9 | 317.1 | 31.0 | 21.1 | -22.7 | 343.3 | 343.3 | 99.9 | 99.9 | 32.6 | 135. |
| 54.6 | 124.3 | 14087.8 | 150.0 | -61.4 | 99.9 | 309.7 | 20.8 | 18.0 | -23.3 | 348.3 | 348.3 | 99.9 | 99.9 | 38.1 | 135. |
| 59.2 | 131.3 | 15208.2 | 125.0 | -66.1 | 99.9 | 294.3 | 19.3 | 17.6 | -20.0 | 375.4 | 375.4 | 99.9 | 99.9 | 43.4 | 133. |
| 64.3 | 138.5 | 16548.9 | 100.0 | -71.5 | 99.9 | 293.4 | 9.4 | 8.6 | -3.7 | 389.7 | 389.7 | 99.9 | 99.9 | 48.2 | 132. |
| 70.5 | 145.5 | 18288.2 | 75.0 | -72.7 | 99.9 | 332.3 | 3.2 | 1.5 | -2.8 | 404.5 | 404.5 | 99.9 | 99.9 | 50.4 | 131. |
| 79.6 | 153.0 | 20606.9 | 50.0 | -60.9 | 99.9 | 65.7 | 2.8 | -2.6 | -1.1 | 500.0 | 500.0 | 99.9 | 99.9 | 51.7 | 132. |
| 93.2 | 160.0 | 25076.1 | 25.0 | -52.5 | 99.9 | 82.5 | 10.2 | -10.1 | -1.3 | 633.7 | 633.7 | 99.9 | 99.9 | 53.0 | 135. |

* PV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* 1/2 TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 213

WAYCROSS, GA

24 APRIL 1975
600 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 3.3 | 44.0 | 1017.4 | 20.3 | 17.5 | 170.0 | 4.1 | -0.7 | 4.0 | 293.7 | 326.0 | 12.5 | 84.0 | 0.0 | 0. |
| 1.4 | 4.7 | 192.8 | 1000.0 | 18.5 | 15.5 | 959.9 | 99.9 | 99.9 | 99.9 | 293.1 | 322.1 | 11.2 | 82.9 | 999.9 | 999.9 |
| 1.1 | 6.5 | 410.4 | 975.0 | 18.0 | 14.4 | 999.9 | 99.9 | 99.9 | 99.9 | 294.7 | 322.6 | 10.7 | 79.5 | 999.9 | 999.9 |
| 1.7 | 8.7 | 612.7 | 950.0 | 16.7 | 12.1 | 995.9 | 99.9 | 99.9 | 99.9 | 295.3 | 320.2 | 9.4 | 74.2 | 999.9 | 999.9 |
| 2.5 | 10.7 | 800.2 | 925.0 | 16.2 | 10.6 | 995.9 | 99.9 | 99.9 | 99.9 | 297.1 | 320.4 | 8.7 | 69.3 | 999.9 | 999.9 |
| 3.3 | 12.9 | 1031.4 | 900.0 | 15.6 | 9.3 | 999.9 | 99.9 | 99.9 | 99.9 | 298.6 | 320.8 | 8.2 | 66.0 | 999.9 | 999.9 |
| 4.1 | 15.1 | 1332.2 | 875.0 | 14.3 | 6.7 | 999.9 | 99.9 | 99.9 | 99.9 | 299.5 | 318.0 | 7.1 | 60.2 | 999.9 | 999.9 |
| 4.9 | 17.2 | 1576.9 | 850.0 | 13.5 | 5.2 | 235.7 | 6.5 | 5.3 | 3.6 | 301.2 | 319.3 | 6.5 | 57.0 | 2.7 | 34.0 |
| 5.6 | 19.6 | 1827.8 | 825.0 | 12.4 | 0.3 | 218.6 | 5.6 | 3.5 | 4.3 | 302.3 | 315.7 | 4.7 | 43.4 | 2.4 | 35.0 |
| 6.7 | 21.7 | 2084.8 | 800.0 | 10.2 | -3.6 | 205.5 | 5.6 | 2.4 | 5.1 | 302.5 | 313.2 | 3.7 | 38.0 | 3.1 | 35.0 |
| 7.6 | 24.2 | 2347.9 | 775.0 | 8.8 | -23.0 | 233.8 | 4.3 | 3.5 | 2.6 | 303.4 | 306.0 | 0.0 | 9.0 | 3.1 | 1. |
| 8.4 | 26.5 | 2618.4 | 750.0 | 8.3 | -42.7 | 291.5 | 3.6 | 3.3 | -1.3 | 305.6 | 306.0 | 0.1 | 1.3 | 3.4 | 4. |
| 9.2 | 29.1 | 2837.2 | 725.0 | 6.6 | -9.4 | 339.0 | 5.2 | 1.9 | -0.9 | 307.1 | 315.0 | 2.6 | 31.2 | 3.2 | 7. |
| 10.1 | 31.7 | 3185.1 | 700.0 | 4.9 | -1.3 | 346.7 | 6.0 | 1.4 | -5.9 | 308.6 | 323.0 | 5.0 | 63.0 | 2.9 | 9. |
| 10.9 | 34.4 | 3481.2 | 675.0 | 3.2 | -1.2 | 338.7 | 6.0 | 2.2 | -5.9 | 310.0 | 325.2 | 5.2 | 72.8 | 2.6 | 12. |
| 11.8 | 37.0 | 3786.1 | 650.0 | 0.4 | -3.4 | 329.1 | 6.9 | 3.6 | -5.5 | 310.0 | 323.5 | 4.6 | 75.5 | 2.4 | 16. |
| 12.9 | 39.9 | 4099.8 | 625.0 | -2.6 | -3.3 | 308.5 | 8.5 | 6.6 | -5.3 | 310.1 | 324.2 | 4.8 | 94.9 | 2.1 | 27. |
| 13.9 | 42.6 | 4424.4 | 600.0 | -1.9 | -4.9 | 283.2 | 10.3 | 10.1 | -5.4 | 314.4 | 327.8 | 4.5 | 81.3 | 2.3 | 43. |
| 15.0 | 45.6 | 4742.6 | 575.0 | -3.3 | -20.3 | 269.7 | 10.5 | 10.5 | 0.0 | 316.3 | 320.6 | 1.3 | 25.4 | 2.8 | 55. |
| 16.2 | 48.8 | 5112.3 | 550.0 | -6.6 | -16.0 | 274.6 | 11.1 | 11.1 | -6.9 | 316.4 | 322.7 | 2.0 | 47.6 | 3.4 | 61. |
| 17.3 | 51.8 | 5474.1 | 525.0 | -9.3 | -10.0 | 286.8 | 11.3 | 10.8 | -3.3 | 317.6 | 328.1 | 3.4 | 95.1 | 4.1 | 45. |
| 18.5 | 55.1 | 5850.3 | 500.0 | -11.7 | -12.2 | 297.7 | 12.1 | 10.7 | -5.6 | 319.1 | 328.5 | 3.0 | 95.7 | 4.7 | 70. |
| 19.7 | 58.4 | 6242.1 | 475.0 | -14.0 | -14.8 | 283.5 | 13.6 | 13.5 | -3.2 | 321.0 | 329.1 | 2.6 | 93.4 | 5.4 | 84. |
| 21.0 | 61.9 | 6631.2 | 450.0 | -16.3 | -18.7 | 268.3 | 16.4 | 16.4 | 0.5 | 322.9 | 329.4 | 2.0 | 84.0 | 6.6 | 94. |
| 22.3 | 65.5 | 7079.4 | 425.0 | -19.3 | -21.0 | 267.0 | 18.9 | 18.9 | 1.0 | 324.4 | 329.7 | 1.6 | 81.9 | 8.0 | 86. |
| 23.9 | 69.3 | 7527.0 | 400.0 | -22.9 | -24.3 | 275.7 | 21.4 | 21.1 | -3.6 | 325.3 | 329.8 | 1.3 | 88.4 | 9.8 | 86. |
| 25.0 | 73.2 | 7996.7 | 375.0 | -26.7 | -27.7 | 282.3 | 22.0 | 21.5 | -4.7 | 326.3 | 329.9 | 1.0 | 91.3 | 12.0 | 87. |
| 27.4 | 77.5 | 8432.0 | 350.0 | -29.8 | -34.6 | 278.4 | 19.6 | 19.6 | -2.9 | 328.6 | 330.6 | 0.6 | 62.6 | 14.2 | 91. |
| 29.2 | 82.0 | 9016.1 | 325.0 | -34.0 | -40.5 | 282.1 | 21.2 | 20.7 | -4.4 | 329.8 | 331.0 | 0.3 | 51.1 | 16.4 | 92. |
| 30.9 | 86.3 | 9571.6 | 300.0 | -38.5 | -44.3 | 287.9 | 23.3 | 22.1 | -7.2 | 331.0 | 331.9 | 0.2 | 54.3 | 18.7 | 93. |
| 33.0 | 91.3 | 10163.4 | 275.0 | -43.2 | 99.9 | 293.1 | 27.8 | 25.6 | -10.9 | 332.7 | 999.9 | 99.9 | 999.9 | 21.6 | 96. |
| 35.4 | 96.4 | 10755.0 | 250.0 | -47.6 | 99.9 | 256.6 | 31.2 | 27.9 | -14.0 | 333.4 | 999.9 | 99.9 | 999.9 | 25.8 | 96. |
| 38.1 | 102.0 | 11492.3 | 225.0 | -53.2 | 99.9 | 302.1 | 33.3 | 28.2 | -17.7 | 337.0 | 999.9 | 99.9 | 999.9 | 30.9 | 102. |
| 40.8 | 108.3 | 12231.7 | 200.0 | -60.2 | 99.9 | 301.4 | 36.1 | 30.8 | -18.0 | 337.5 | 999.9 | 99.9 | 999.9 | 36.4 | 105. |
| 43.8 | 114.5 | 13054.4 | 175.0 | -63.8 | 99.9 | 294.1 | 39.5 | 36.0 | -16.1 | 344.6 | 999.9 | 99.9 | 999.9 | 42.9 | 107. |
| 47.2 | 121.7 | 14004.2 | 150.0 | -60.1 | 99.9 | 302.1 | 23.6 | 20.0 | -12.5 | 368.6 | 999.9 | 99.9 | 999.9 | 49.5 | 108. |
| 51.2 | 129.0 | 15123.1 | 125.0 | -64.1 | 99.9 | 286.1 | 34.7 | 33.1 | -9.6 | 378.9 | 999.9 | 99.9 | 999.9 | 55.8 | 109. |
| 55.9 | 137.0 | 16496.4 | 100.0 | -68.7 | 99.9 | 295.4 | 18.9 | 17.1 | -8.1 | 355.0 | 999.9 | 99.9 | 999.9 | 61.4 | 109. |
| 61.6 | 181.0 | 18103.1 | 75.0 | -68.9 | 99.9 | 234.3 | 4.2 | 3.4 | 2.4 | 428.4 | 999.9 | 99.9 | 999.9 | 64.2 | 106. |
| 70.1 | 153.3 | 20633.2 | 50.0 | -55.8 | 99.9 | 302.1 | 6.9 | 5.9 | -3.7 | 502.6 | 999.9 | 99.9 | 999.9 | 67.3 | 106. |
| 83.5 | 162.0 | 25049.9 | 25.0 | -52.7 | 99.9 | 96.3 | 4.6 | -4.6 | 0.5 | 633.1 | 999.9 | 99.9 | 999.9 | 68.9 | 111. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 °° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
 OF POOR QUALITY

APALACHICOLA, FLA

24 APRIL 1975

515 GMT

166 23.0

| TIME MIN | CATCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCMP M/SEC | PCT Y DG K | E POT Y DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.4 | 11.0 | 1021.0 | 18.1 | 13.4 | 140.0 | 1.0 | -0.6 | 0.2 | 290.8 | 315.5 | 9.5 | 74.0 | 0.0 | 0. |
| 0.2 | 6.2 | 191.7 | 1000.0 | 23.3 | 11.4 | 161.8 | 0.0 | -2.5 | 7.6 | 297.6 | 320.4 | 8.5 | 47.2 | 0.3 | 33. |
| 1.5 | 6.7 | 412.2 | 975.0 | 21.9 | 11.9 | 168.0 | 0.9 | -1.8 | 6.7 | 298.4 | 322.6 | 9.0 | 53.0 | 0.7 | 30. |
| 2.3 | 11.1 | 637.1 | 950.0 | 19.7 | 11.2 | 167.5 | 10.3 | -2.2 | 10.1 | 298.4 | 322.1 | 8.8 | 57.9 | 1.1 | 34. |
| 3.1 | 13.6 | 866.7 | 925.0 | 18.1 | 11.2 | 165.5 | 10.4 | -2.6 | 10.0 | 299.1 | 323.5 | 9.1 | 63.8 | 1.6 | 34. |
| 3.9 | 15.3 | 1100.8 | 900.0 | 15.8 | 9.5 | 165.1 | 11.3 | -2.9 | 10.9 | 299.3 | 321.4 | 8.3 | 66.1 | 2.1 | 34. |
| 4.7 | 16.6 | 1339.7 | 875.0 | 13.8 | 10.3 | 175.3 | 10.9 | -0.9 | 10.5 | 299.3 | 323.8 | 9.1 | 79.3 | 2.7 | 34. |
| 5.6 | 21.0 | 1583.7 | 850.0 | 11.5 | 10.4 | 186.6 | 11.5 | 1.3 | 11.5 | 299.4 | 324.6 | 9.4 | 92.6 | 3.2 | 34. |
| 6.5 | 23.7 | 1833.5 | 825.0 | 10.1 | 6.0 | 199.4 | 12.1 | 4.1 | 11.3 | 300.3 | 320.1 | 7.3 | 76.6 | 3.8 | 35. |
| 7.3 | 26.1 | 2089.8 | 800.0 | 11.3 | -43.0 | 217.8 | 8.0 | 4.9 | 6.3 | 303.2 | 303.6 | 0.1 | 1.0 | 4.3 | 35. |
| 8.4 | 28.9 | 2354.3 | 775.0 | 10.6 | -43.4 | 250.7 | 4.9 | 4.6 | 1.6 | 305.8 | 305.6 | 0.1 | 1.0 | 4.4 | 1. |
| 9.4 | 31.8 | 2626.1 | 750.0 | 8.1 | -43.8 | 286.6 | 3.3 | 3.1 | -0.9 | 305.8 | 317.1 | 3.9 | 43.1 | 4.5 | 4. |
| 10.3 | 34.6 | 2905.5 | 725.0 | 7.0 | -7.3 | 341.8 | 3.2 | 1.0 | -3.0 | 307.5 | 316.7 | 3.1 | 35.6 | 4.3 | 6. |
| 11.3 | 37.3 | 3193.4 | 700.0 | 5.9 | -11.4 | 6.8 | 4.2 | -0.5 | -4.1 | 309.3 | 316.3 | 2.3 | 27.6 | 4.1 | 6. |
| 12.4 | 40.3 | 3490.2 | 675.0 | 4.4 | -31.1 | 358.4 | 4.7 | 0.3 | -4.7 | 310.6 | 312.5 | 0.6 | 7.5 | 3.8 | 6. |
| 13.4 | 43.0 | 3756.7 | 650.0 | 4.3 | -22.9 | 340.2 | 5.7 | 1.9 | -5.4 | 313.9 | 316.9 | 0.9 | 11.7 | 3.6 | 7. |
| 14.5 | 46.1 | 4114.9 | 625.0 | 2.6 | -21.8 | 348.8 | 6.5 | 1.7 | -6.3 | 315.6 | 319.3 | 1.1 | 15.5 | 3.2 | 11. |
| 15.7 | 49.3 | 4443.8 | 600.0 | 0.3 | -9.5 | 344.1 | 7.9 | 2.2 | -7.6 | 316.8 | 326.4 | 3.1 | 47.6 | 2.7 | 15. |
| 16.8 | 52.3 | 4783.2 | 575.0 | -2.6 | -13.7 | 336.7 | 9.6 | 3.3 | -9.0 | 317.2 | 324.5 | 2.3 | 42.1 | 2.3 | 23. |
| 18.1 | 55.4 | 5133.9 | 550.0 | -5.8 | -12.4 | 326.0 | 12.1 | 6.2 | -10.3 | 317.6 | 326.0 | 2.7 | 59.6 | 1.8 | 43. |
| 19.4 | 58.7 | 5497.7 | 525.0 | -7.1 | -14.6 | 323.2 | 12.8 | 7.7 | -10.3 | 320.2 | 327.6 | 2.3 | 55.0 | 1.9 | 7. |
| 20.7 | 62.3 | 5876.3 | 500.0 | -10.0 | -16.3 | 321.9 | 11.8 | 7.3 | -9.3 | 321.1 | 328.0 | 2.1 | 59.5 | 2.4 | 9. |
| 21.9 | 65.7 | 6270.3 | 475.0 | -12.5 | -20.0 | 305.0 | 9.9 | 7.7 | -6.2 | 322.7 | 329.1 | 1.6 | 53.4 | 3.1 | 10. |
| 23.4 | 69.3 | 6680.9 | 450.0 | -15.8 | -23.9 | 295.5 | 11.0 | 10.4 | -5.2 | 323.4 | 327.5 | 1.2 | 49.6 | 3.9 | 10. |
| 24.8 | 72.8 | 7109.4 | 425.0 | -18.7 | -26.5 | 295.3 | 11.0 | 9.9 | -4.7 | 325.1 | 328.6 | 1.0 | 50.1 | 5.0 | 11. |
| 26.5 | 76.8 | 7559.1 | 400.0 | -21.7 | -29.3 | 293.1 | 10.0 | 9.2 | -3.9 | 326.8 | 329.7 | 0.8 | 50.0 | 6.0 | 11. |
| 28.2 | 80.7 | 8031.5 | 375.0 | -24.1 | -30.7 | 300.6 | 13.9 | 12.0 | -7.1 | 329.7 | 329.9 | 0.0 | 2.9 | 7.2 | 11. |
| 29.9 | 85.0 | 8530.5 | 350.0 | -27.8 | -37.7 | 266.8 | 17.9 | 16.0 | -8.1 | 331.1 | 331.2 | 0.0 | 1.0 | 8.6 | 11. |
| 31.7 | 89.0 | 9057.9 | 325.0 | -32.4 | -41.7 | 303.2 | 19.4 | 16.3 | -10.6 | 332.0 | 333.1 | 0.3 | 38.6 | 10.9 | 11. |
| 33.8 | 93.8 | 9616.6 | 300.0 | -37.3 | -45.3 | 305.1 | 21.6 | 17.7 | -12.5 | 332.8 | 333.6 | 0.2 | 42.5 | 13.4 | 11. |
| 36.0 | 98.5 | 10211.2 | 275.0 | -42.6 | -49.9 | 306.4 | 23.2 | 19.0 | -15.0 | 333.6 | 333.6 | 99.9 | 99.9 | 16.3 | 11. |
| 38.4 | 103.4 | 10847.4 | 250.0 | -48.0 | -54.9 | 313.3 | 27.6 | 20.1 | -18.9 | 334.7 | 334.7 | 99.9 | 99.9 | 19.9 | 12. |
| 41.2 | 109.0 | 11533.0 | 225.0 | -53.7 | -59.9 | 315.4 | 31.3 | 22.0 | -22.3 | 336.2 | 336.2 | 99.9 | 99.9 | 24.6 | 12. |
| 44.4 | 114.3 | 12281.4 | 200.0 | -59.0 | -64.6 | 315.2 | 34.0 | 23.9 | -24.1 | 339.3 | 339.3 | 99.9 | 99.9 | 30.5 | 12. |
| 47.5 | 121.0 | 13107.3 | 175.0 | -64.6 | -69.9 | 310.2 | 31.0 | 23.7 | -20.0 | 343.4 | 343.4 | 99.9 | 99.9 | 36.4 | 12. |
| 51.1 | 127.8 | 14055.2 | 150.0 | -69.9 | -74.9 | 308.5 | 28.4 | 16.8 | -11.5 | 341.7 | 341.7 | 99.9 | 99.9 | 42.2 | 12. |
| 55.4 | 135.3 | 15172.7 | 125.0 | -65.9 | -69.9 | 298.5 | 22.9 | 10.7 | -8.2 | 345.6 | 345.6 | 99.9 | 99.9 | 47.7 | 12. |
| 60.6 | 142.7 | 16213.5 | 100.0 | -69.6 | -69.9 | 307.3 | 13.5 | 10.7 | -1.8 | 349.3 | 349.3 | 99.9 | 99.9 | 53.1 | 12. |
| 66.5 | 150.7 | 18213.4 | 75.0 | -65.6 | -69.9 | 289.1 | 5.6 | 5.3 | -1.8 | 427.1 | 427.1 | 99.9 | 99.9 | 55.1 | 12. |
| 75.2 | 159.3 | 20871.5 | 50.0 | -61.0 | -69.9 | 283.9 | 3.4 | 3.3 | -0.8 | 500.0 | 500.0 | 99.9 | 99.9 | 57.0 | 12. |
| 89.6 | 168.3 | 25025.1 | 25.0 | -53.2 | -69.9 | 95.9 | 99.9 | 99.9 | 95.9 | 632.2 | 632.2 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ANAL PAGE IS
 OF POOR QUALITY

STATION NO. 226
CENTERVILLE, ALA

20 APRIL 1975
514 GMT

| TIME MIN | CATCY | HEIGHT GFW | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| | | | | | | | | | | | | | | | |
| 0.0 | 5.8 | 140.0 | 1003.9 | 10.2 | 15.1 | 190.0 | 3.6 | 0.6 | 3.5 | 292.5 | 320.5 | 10.8 | 82.0 | 0.0 | 0. |
| 0.2 | 6.2 | 171.6 | 1000.0 | 19.4 | 14.5 | 195.2 | 14.5 | 3.8 | 14.0 | 293.9 | 321.2 | 10.4 | 73.3 | 0.3 | 30.0 |
| 1.0 | 6.6 | 391.8 | 975.0 | 10.6 | 16.2 | 193.3 | 15.1 | 3.5 | 14.7 | 295.9 | 326.8 | 12.0 | 85.6 | 0.7 | 9. |
| 2.1 | 10.8 | 614.8 | 950.0 | 10.8 | 2.0 | 191.5 | 19.3 | 3.9 | 19.0 | 297.0 | 310.5 | 4.9 | 34.6 | 1.9 | 10. |
| 3.1 | 13.3 | 643.3 | 925.0 | 17.9 | 3.3 | 197.0 | 15.4 | 4.5 | 14.7 | 298.3 | 313.0 | 5.3 | 38.0 | 3.0 | 12. |
| 4.2 | 15.7 | 1077.0 | 900.0 | 15.2 | 12.4 | 195.4 | 16.2 | 4.3 | 15.6 | 298.5 | 325.7 | 10.2 | 84.2 | 4.0 | 13. |
| 5.2 | 18.1 | 1315.5 | 875.0 | 13.6 | 10.9 | 196.0 | 13.3 | 3.7 | 12.7 | 299.2 | 324.5 | 9.4 | 83.4 | 4.9 | 13. |
| 6.3 | 20.5 | 1559.6 | 850.0 | 11.9 | 10.5 | 204.8 | 14.3 | 6.0 | 12.9 | 299.9 | 325.4 | 9.5 | 91.2 | 5.7 | 14. |
| 7.4 | 23.0 | 1799.9 | 825.0 | 12.2 | 7.8 | 226.0 | 11.9 | 8.6 | 6.2 | 302.6 | 324.8 | 8.1 | 74.4 | 6.6 | 17. |
| 8.6 | 25.5 | 2048.5 | 800.0 | 12.2 | 3.2 | 233.0 | 10.1 | 6.1 | 6.1 | 305.0 | 322.0 | 6.1 | 54.2 | 7.2 | 20. |
| 9.9 | 28.1 | 2333.8 | 775.0 | 10.0 | 3.2 | 245.4 | 11.6 | 10.5 | 4.8 | 305.4 | 323.1 | 6.2 | 62.4 | 7.8 | 24. |
| 11.1 | 30.9 | 2605.6 | 750.0 | 8.0 | 1.0 | 243.3 | 11.2 | 10.0 | 6.0 | 306.0 | 321.7 | 5.5 | 61.0 | 8.5 | 28. |
| 12.5 | 33.6 | 2884.7 | 725.0 | 6.4 | -2.9 | 237.0 | 11.7 | 9.4 | 6.4 | 307.0 | 319.4 | 4.3 | 51.6 | 9.2 | 31. |
| 13.8 | 36.1 | 3171.8 | 700.0 | 4.8 | -3.6 | 229.7 | 11.6 | 10.9 | 4.0 | 308.4 | 320.7 | 4.2 | 54.2 | 10.2 | 34. |
| 15.1 | 39.0 | 3468.0 | 675.0 | 4.8 | -4.8 | 226.4 | 13.3 | 13.2 | -1.5 | 311.6 | 323.3 | 4.0 | 49.5 | 10.7 | 38. |
| 16.6 | 41.5 | 3776.0 | 650.0 | 3.1 | -5.7 | 220.2 | 14.7 | 14.4 | -2.6 | 313.6 | 324.5 | 3.9 | 52.2 | 11.3 | 43. |
| 18.1 | 44.7 | 4092.7 | 625.0 | 0.6 | -8.6 | 212.2 | 13.5 | 13.5 | -0.5 | 313.6 | 323.3 | 3.2 | 49.8 | 12.2 | 46. |
| 19.7 | 47.8 | 4419.1 | 600.0 | -2.0 | -9.0 | 208.6 | 13.9 | 13.9 | 0.3 | 314.2 | 324.0 | 3.2 | 58.5 | 13.2 | 52. |
| 21.3 | 50.8 | 4756.1 | 575.0 | -4.7 | -9.7 | 205.1 | 10.2 | 10.1 | 0.9 | 314.8 | 324.6 | 3.2 | 68.2 | 14.1 | 55. |
| 22.7 | 53.9 | 5104.2 | 550.0 | -7.4 | -14.3 | 250.8 | 11.7 | 10.9 | 1.9 | 315.6 | 322.8 | 2.3 | 61.0 | 14.9 | 56. |
| 24.3 | 57.0 | 5464.6 | 525.0 | -10.7 | -16.7 | 256.9 | 12.7 | 12.3 | 2.9 | 315.8 | 322.0 | 2.0 | 61.0 | 16.0 | 58. |
| 26.0 | 60.4 | 5834.4 | 500.0 | -12.9 | -20.0 | 275.4 | 11.0 | 10.9 | -1.0 | 317.5 | 322.5 | 1.6 | 54.9 | 17.0 | 59. |
| 27.8 | 63.9 | 6227.5 | 475.0 | -15.9 | -30.4 | 287.6 | 13.7 | 15.0 | -4.2 | 318.3 | 320.5 | 0.6 | 27.5 | 18.1 | 62. |
| 29.8 | 67.3 | 6634.1 | 450.0 | -17.6 | -37.9 | 287.7 | 21.1 | 20.1 | -6.4 | 321.1 | 322.3 | 0.3 | 15.0 | 19.7 | 67. |
| 31.8 | 70.8 | 7060.1 | 425.0 | -20.4 | -27.1 | 281.4 | 22.9 | 22.4 | -4.5 | 322.9 | 326.1 | 1.0 | 55.0 | 21.9 | 71. |
| 33.9 | 74.6 | 7505.2 | 400.0 | -24.9 | -27.8 | 279.4 | 21.4 | 21.2 | -3.5 | 322.7 | 325.9 | 1.0 | 76.8 | 24.3 | 75. |
| 36.1 | 78.7 | 7971.4 | 375.0 | -28.4 | -30.1 | 278.3 | 25.4 | 25.4 | -1.0 | 324.1 | 326.9 | 0.6 | 85.0 | 27.3 | 77. |
| 38.5 | 82.5 | 8463.2 | 350.0 | -31.3 | -37.7 | 274.4 | 27.9 | 27.8 | -2.2 | 326.5 | 328.0 | 0.4 | 53.2 | 30.5 | 79. |
| 40.9 | 86.0 | 8923.7 | 325.0 | -35.3 | -44.7 | 280.5 | 30.2 | 29.7 | -5.5 | 327.9 | 328.8 | 0.2 | 37.7 | 35.1 | 81. |
| 43.3 | 91.2 | 9336.9 | 300.0 | -38.0 | 99.9 | 281.3 | 32.6 | 31.9 | -6.4 | 330.4 | 999.9 | 99.9 | 99.9 | 39.4 | 83. |
| 46.7 | 95.8 | 10127.8 | 275.0 | -44.2 | 99.9 | 290.8 | 30.3 | 28.4 | -10.8 | 331.3 | 999.9 | 99.9 | 99.9 | 44.0 | 85. |
| 49.9 | 100.7 | 10761.3 | 250.0 | -48.3 | 99.9 | 284.2 | 37.5 | 36.3 | -9.2 | 334.2 | 999.9 | 99.9 | 99.9 | 49.7 | 84. |
| 52.3 | 106.0 | 11444.8 | 225.0 | -54.4 | 99.9 | 282.7 | 43.4 | 42.3 | -5.5 | 335.2 | 999.9 | 99.9 | 99.9 | 56.8 | 91. |
| 55.8 | 111.6 | 12190.5 | 200.0 | -59.8 | 99.9 | 282.3 | 39.6 | 38.6 | -8.5 | 338.2 | 999.9 | 99.9 | 99.9 | 64.1 | 92. |
| 59.1 | 117.8 | 13013.1 | 175.0 | -65.7 | 99.9 | 275.3 | 30.6 | 30.5 | -2.9 | 341.5 | 999.9 | 99.9 | 99.9 | 72.7 | 93. |
| 63.4 | 124.7 | 13955.8 | 150.0 | -62.8 | 99.9 | 276.2 | 32.7 | 32.5 | -3.5 | 341.9 | 999.9 | 99.9 | 99.9 | 82.7 | 93. |
| 68.4 | 132.0 | 15075.9 | 125.0 | -64.0 | 99.9 | 286.7 | 24.1 | 23.1 | -6.9 | 379.1 | 999.9 | 99.9 | 99.9 | 91.0 | 94. |
| 73.7 | 139.3 | 16424.9 | 100.0 | -68.6 | 99.9 | 280.6 | 14.3 | 14.0 | -2.7 | 395.2 | 999.9 | 99.9 | 99.9 | 98.5 | 94. |
| 80.9 | 147.3 | 18133.6 | 75.0 | -68.6 | 99.9 | 341.6 | 4.7 | 1.5 | -4.5 | 429.1 | 999.9 | 99.9 | 99.9 | 103.8 | 94. |
| 91.2 | 156.0 | 20605.5 | 50.0 | -61.2 | 99.9 | 267.7 | 4.6 | 4.6 | 0.2 | 499.3 | 999.9 | 99.9 | 99.9 | 107.3 | 94. |
| 108.4 | 164.7 | 25002.0 | 25.0 | -52.8 | 99.9 | 239.0 | 2.6 | 2.2 | 1.3 | 633.4 | 999.9 | 99.9 | 99.9 | 108.1 | 96. |

ORIGINAL PAGE IS
OF POOR QUALITY

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LA

24 APRIL 1975
515 GMT

| TIME MIN | CNTCT | WEIGHT GFN | PRES MB | TEMP CG C | DEW PT CG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.4 | 1.0 | 1019.1 | 20.6 | 20.4 | 130.0 | 3.6 | -2.8 | 2.3 | 294.2 | 332.8 | 15.0 | 99.0 | 156 | 16. 0 |
| 0.6 | 6.3 | 165.6 | 1000.0 | 21.0 | 20.4 | 130.0 | 17.2 | -9.4 | 14.4 | 296.2 | 335.9 | 15.3 | 96.7 | 0.5 | 322.0 |
| 1.5 | 8.5 | 305.4 | 975.0 | 20.0 | 19.4 | 157.8 | 13.6 | -5.1 | 12.6 | 297.2 | 335.7 | 14.7 | 96.5 | 1.3 | 328.0 |
| 2.3 | 10.6 | 610.0 | 950.0 | 19.1 | 17.7 | 160.7 | 12.7 | -3.4 | 12.3 | 298.4 | 334.2 | 13.6 | 91.8 | 2.0 | 333.0 |
| 3.2 | 12.6 | 839.7 | 925.0 | 18.3 | 15.7 | 160.9 | 10.9 | -2.1 | 10.7 | 299.7 | 332.2 | 12.2 | 84.4 | 2.6 | 336.0 |
| 4.2 | 15.1 | 1074.8 | 900.0 | 17.0 | 14.1 | 160.1 | 8.7 | -1.8 | 8.5 | 300.6 | 331.0 | 11.4 | 83.1 | 3.1 | 336.0 |
| 5.2 | 17.2 | 1315.4 | 875.0 | 15.2 | 9.3 | 173.6 | 10.7 | -1.2 | 10.6 | 301.8 | 324.9 | 8.5 | 63.6 | 3.7 | 340.0 |
| 6.1 | 19.6 | 1541.9 | 850.0 | 15.0 | 6.5 | 180.3 | 10.5 | 0.1 | 10.5 | 302.8 | 322.7 | 7.2 | 56.7 | 4.3 | 343.0 |
| 7.1 | 21.8 | 1614.6 | 825.0 | 14.3 | 5.9 | 180.8 | 9.7 | 1.1 | 9.6 | 304.6 | 324.5 | 7.1 | 57.0 | 4.8 | 345.0 |
| 8.1 | 24.3 | 2074.1 | 800.0 | 12.8 | 3.9 | 193.7 | 10.8 | 2.5 | 10.5 | 305.7 | 323.6 | 6.3 | 54.4 | 5.4 | 348.0 |
| 9.1 | 26.6 | 2340.2 | 775.0 | 11.2 | 1.2 | 201.1 | 9.9 | 3.6 | 9.2 | 306.6 | 322.1 | 5.4 | 50.4 | 6.0 | 351.0 |
| 10.1 | 29.1 | 2613.6 | 750.0 | 10.9 | -13.2 | 205.4 | 8.7 | 3.8 | 7.9 | 308.7 | 314.3 | 1.8 | 16.9 | 6.5 | 354.0 |
| 11.1 | 31.8 | 2896.3 | 725.0 | 11.4 | -24.4 | 232.3 | 5.1 | 4.1 | 7.1 | 312.1 | 314.5 | 0.7 | 6.2 | 6.9 | 356.0 |
| 12.3 | 34.4 | 3182.2 | 700.0 | 9.8 | -23.1 | 287.4 | 4.2 | 4.0 | -1.2 | 313.4 | 314.5 | 0.3 | 3.1 | 6.9 | 359.0 |
| 13.4 | 36.9 | 3498.8 | 675.0 | 8.0 | -24.9 | 301.7 | 3.4 | 2.9 | -1.8 | 314.7 | 317.3 | 0.8 | 7.7 | 6.7 | 0.0 |
| 14.6 | 39.8 | 3758.5 | 650.0 | 5.5 | -16.6 | 305.9 | 4.5 | 3.7 | -2.7 | 315.4 | 320.5 | 1.6 | 18.5 | 6.5 | 2.0 |
| 15.8 | 42.3 | 4117.5 | 625.0 | 2.8 | -16.3 | 301.5 | 5.8 | 4.9 | -3.0 | 315.9 | 321.3 | 1.7 | 22.8 | 6.3 | 5.0 |
| 17.0 | 45.3 | 4446.3 | 600.0 | 0.3 | -12.5 | 296.1 | 6.6 | 5.9 | -2.9 | 316.8 | 324.4 | 2.4 | 37.3 | 6.1 | 9.0 |
| 18.3 | 48.3 | 4726.0 | 575.0 | -2.5 | -11.8 | 280.5 | 8.3 | 8.2 | -1.5 | 317.4 | 325.8 | 2.7 | 48.7 | 6.1 | 14.0 |
| 19.6 | 51.1 | 5137.7 | 550.0 | -4.1 | -12.9 | 274.9 | 9.4 | 9.3 | -0.8 | 319.5 | 327.6 | 2.6 | 50.3 | 6.2 | 21.0 |
| 21.0 | 54.3 | 5502.7 | 525.0 | -7.2 | -17.2 | 268.1 | 10.0 | 9.6 | -2.8 | 320.0 | 326.0 | 1.9 | 44.4 | 6.4 | 28.0 |
| 22.5 | 57.3 | 5862.0 | 500.0 | -8.8 | -22.6 | 265.1 | 10.5 | 10.0 | -3.4 | 322.3 | 326.5 | 1.2 | 31.1 | 6.6 | 35.0 |
| 23.9 | 60.5 | 6277.2 | 475.0 | -12.0 | -22.6 | 265.1 | 10.5 | 10.0 | -3.4 | 322.3 | 327.6 | 1.3 | 40.7 | 6.2 | 41.0 |
| 25.4 | 64.0 | 6686.2 | 450.0 | -15.4 | -26.8 | 267.6 | 12.7 | 12.1 | -3.9 | 324.0 | 327.1 | 0.9 | 36.6 | 7.4 | 45.0 |
| 27.0 | 67.2 | 7117.3 | 425.0 | -18.6 | -32.7 | 299.0 | 14.5 | 13.7 | -4.7 | 325.2 | 327.1 | 0.6 | 27.4 | 8.1 | 52.0 |
| 28.6 | 70.7 | 7565.8 | 400.0 | -22.8 | -35.5 | 291.6 | 15.5 | 14.4 | -5.7 | 325.4 | 327.0 | 0.5 | 30.1 | 9.1 | 64.0 |
| 30.3 | 74.3 | 8036.5 | 375.0 | -25.4 | -35.9 | 286.4 | 15.0 | 14.4 | -4.2 | 327.9 | 329.7 | 0.5 | 38.5 | 10.3 | 70.0 |
| 32.1 | 78.3 | 8533.8 | 350.0 | -29.0 | -33.0 | 286.7 | 17.8 | 17.1 | -5.1 | 329.7 | 332.1 | 0.7 | 68.1 | 11.7 | 75.0 |
| 34.3 | 82.2 | 9054.5 | 325.0 | -32.9 | -36.6 | 288.5 | 21.0 | 20.0 | -6.7 | 331.3 | 333.1 | 0.5 | 69.4 | 13.6 | 80.0 |
| 36.0 | 86.3 | 9617.3 | 300.0 | -37.6 | -43.0 | 283.2 | 23.6 | 23.0 | -5.4 | 332.3 | 333.4 | 0.3 | 56.2 | 16.2 | 85.0 |
| 38.5 | 91.3 | 10210.8 | 275.0 | -42.7 | 99.9 | 274.7 | 24.6 | 24.5 | -2.0 | 333.4 | 333.4 | 99.9 | 99.9 | 19.5 | 87.0 |
| 40.9 | 95.7 | 10847.9 | 250.0 | -47.7 | 99.9 | 276.0 | 27.9 | 27.7 | -2.9 | 335.2 | 335.2 | 99.9 | 99.9 | 23.3 | 87.0 |
| 43.2 | 100.5 | 11535.2 | 225.0 | -53.1 | 99.9 | 272.4 | 29.1 | 29.1 | -1.2 | 337.1 | 337.1 | 99.9 | 99.9 | 27.3 | 86.0 |
| 46.0 | 106.0 | 12287.4 | 200.0 | -58.8 | 99.9 | 270.9 | 30.3 | 30.3 | -0.5 | 339.6 | 339.6 | 99.9 | 99.9 | 32.4 | 90.0 |
| 49.1 | 111.8 | 13102.3 | 175.0 | -65.4 | 99.9 | 270.9 | 29.1 | 29.1 | -0.5 | 342.0 | 342.0 | 99.9 | 99.9 | 36.3 | 90.0 |
| 52.8 | 118.0 | 14057.1 | 150.0 | -60.6 | 99.9 | 282.4 | 28.2 | 27.5 | -6.2 | 345.6 | 345.6 | 99.9 | 99.9 | 44.3 | 91.0 |
| 57.0 | 125.3 | 15177.9 | 125.0 | -66.2 | 99.9 | 286.2 | 21.5 | 21.4 | 1.4 | 375.1 | 375.1 | 99.9 | 99.9 | 50.0 | 92.0 |
| 62.1 | 132.7 | 16513.2 | 100.0 | -70.9 | 99.9 | 270.7 | 16.1 | 16.1 | -0.2 | 390.7 | 390.7 | 99.9 | 99.9 | 55.2 | 91.0 |
| 68.1 | 140.3 | 18204.9 | 75.0 | -72.3 | 99.9 | 277.9 | 7.9 | 7.8 | -1.1 | 421.4 | 421.4 | 99.9 | 99.9 | 58.7 | 92.0 |
| 77.0 | 148.3 | 20660.0 | 50.0 | -60.9 | 99.9 | 286.3 | 1.8 | 1.8 | -0.5 | 500.1 | 500.1 | 99.9 | 99.9 | 60.1 | 92.0 |
| 91.5 | 156.3 | 25070.4 | 25.0 | -53.0 | 99.0 | 74.6 | 4.5 | -4.3 | -1.2 | 633.0 | 633.0 | 99.9 | 99.9 | 58.4 | 94.0 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 235
JACKSON, MISS

24 APRIL 1975
515 GMT

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT Y DG K | E POT Y DG K | MX W/O GM/KG | PH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.2 | 100.0 | 1006.0 | 22.2 | 19.4 | 180.0 | 6.2 | 0.0 | 6.2 | 296.8 | 333.9 | 14.2 | 84.0 | 0.0 | 0.0 |
| 0.2 | 4.7 | 152.2 | 1000.0 | 21.4 | 19.3 | 178.0 | 12.6 | -0.4 | 12.6 | 296.4 | 333.6 | 14.3 | 86.2 | 0.2 | 357.0 |
| 0.4 | 4.6 | 272.0 | 975.0 | 20.1 | 18.9 | 160.4 | 14.3 | 0.1 | 14.3 | 297.3 | 334.7 | 14.3 | 93.1 | 0.7 | 356.0 |
| 1.7 | 6.9 | 596.3 | 950.0 | 18.1 | 17.3 | 190.8 | 17.2 | 3.2 | 16.9 | 297.3 | 332.1 | 13.2 | 95.3 | 1.3 | 1.0 |
| 2.4 | 10.9 | 825.5 | 925.0 | 18.5 | 15.9 | 203.2 | 19.4 | 7.6 | 17.8 | 299.9 | 333.0 | 12.4 | 84.8 | 2.1 | 7.0 |
| 3.2 | 13.3 | 1060.8 | 900.0 | 17.0 | 15.3 | 212.9 | 19.9 | 10.8 | 16.7 | 300.7 | 333.5 | 12.3 | 89.6 | 3.0 | 1.0 |
| 4.0 | 15.3 | 1301.3 | 875.0 | 15.3 | 13.6 | 218.0 | 21.1 | 13.0 | 16.6 | 301.2 | 331.5 | 11.3 | 89.2 | 3.9 | 1.0 |
| 4.7 | 17.7 | 1587.1 | 850.0 | 13.9 | 12.1 | 218.1 | 21.4 | 13.2 | 16.9 | 302.1 | 330.6 | 10.5 | 89.0 | 4.9 | 2.3 |
| 5.6 | 20.2 | 1799.6 | 825.0 | 14.3 | 8.7 | 210.7 | 20.6 | 10.5 | 17.7 | 304.9 | 329.7 | 8.6 | 86.9 | 5.9 | 2.5 |
| 6.4 | 22.5 | 2040.0 | 800.0 | 15.2 | -10.9 | 217.2 | 19.5 | 11.8 | 15.5 | 307.6 | 313.9 | 2.1 | 15.3 | 7.0 | 2.6 |
| 7.4 | 25.0 | 2328.0 | 775.0 | 14.5 | -12.5 | 225.3 | 17.9 | 12.7 | 12.6 | 309.7 | 315.5 | 1.9 | 14.2 | 8.0 | 2.4 |
| 8.3 | 27.3 | 2604.0 | 750.0 | 13.5 | -13.9 | 225.6 | 16.1 | 11.7 | 11.1 | 311.4 | 317.0 | 1.8 | 14.8 | 9.9 | 3.0 |
| 9.3 | 30.0 | 2868.5 | 725.0 | 12.4 | -11.0 | 211.5 | 14.7 | 11.5 | 9.1 | 313.3 | 320.4 | 2.3 | 14.4 | 9.7 | 3.2 |
| 10.1 | 32.8 | 3181.6 | 700.0 | 10.2 | -9.7 | 213.2 | 14.2 | 12.7 | 6.4 | 314.2 | 322.3 | 2.6 | 24.6 | 10.4 | 3.3 |
| 11.1 | 35.4 | 3482.7 | 675.0 | 7.9 | -10.1 | 211.3 | 15.0 | 14.9 | 2.3 | 314.9 | 323.0 | 2.6 | 24.6 | 11.0 | 3.6 |
| 12.7 | 38.0 | 3742.0 | 650.0 | 4.8 | -11.8 | 215.4 | 14.1 | 14.1 | 1.1 | 314.7 | 322.1 | 2.4 | 20.7 | 12.1 | 4.0 |
| 14.8 | 40.7 | 4110.3 | 625.0 | 1.8 | -12.1 | 215.9 | 15.5 | 15.4 | 1.5 | 314.8 | 322.3 | 2.4 | 35.0 | 13.5 | 4.7 |
| 16.2 | 43.6 | 4637.0 | 600.0 | -2.1 | -11.7 | 217.7 | 12.2 | 12.2 | 0.1 | 314.0 | 322.0 | 2.6 | 47.5 | 15.4 | 5.3 |
| 19.3 | 46.4 | 4774.0 | 575.0 | -4.5 | -12.4 | 215.9 | 15.4 | 15.4 | 1.1 | 315.0 | 323.0 | 2.6 | 53.8 | 16.4 | 5.5 |
| 20.3 | 49.8 | 5122.1 | 550.0 | -7.3 | -12.4 | 217.6 | 19.8 | 19.5 | 3.2 | 315.8 | 324.1 | 2.7 | 64.6 | 17.5 | 5.7 |
| 21.6 | 52.8 | 5465.0 | 525.0 | -6.5 | -10.4 | 217.5 | 17.7 | 17.6 | -1.1 | 318.5 | 328.7 | 3.3 | 80.4 | 18.7 | 5.9 |
| 22.5 | 55.8 | 5861.9 | 500.0 | -11.3 | -12.4 | 217.7 | 17.5 | 17.5 | -0.5 | 319.7 | 329.9 | 3.0 | 91.5 | 19.5 | 6.1 |
| 23.7 | 59.3 | 6254.1 | 475.0 | -13.6 | -14.1 | 214.7 | 16.8 | 16.7 | 1.5 | 321.2 | 329.7 | 2.7 | 97.8 | 20.6 | 6.2 |
| 24.8 | 62.7 | 6663.3 | 450.0 | -16.8 | -17.3 | 215.7 | 16.9 | 16.6 | 3.3 | 322.4 | 329.4 | 2.2 | 95.1 | 21.6 | 6.3 |
| 26.2 | 66.1 | 7090.0 | 425.0 | -20.1 | -21.4 | 215.0 | 17.5 | 17.4 | 1.5 | 323.4 | 329.8 | 1.6 | 85.1 | 22.3 | 6.4 |
| 27.8 | 70.0 | 7537.1 | 400.0 | -23.4 | -25.3 | 215.9 | 19.4 | 19.4 | 0.4 | 324.6 | 328.7 | 1.2 | 84.2 | 23.4 | 6.5 |
| 29.3 | 73.5 | 8006.6 | 375.0 | -27.0 | -29.9 | 216.2 | 19.7 | 19.7 | 0.6 | 326.0 | 328.9 | 0.8 | 75.8 | 24.2 | 6.7 |
| 30.9 | 77.7 | 8500.0 | 350.0 | -31.2 | -34.5 | 213.4 | 22.2 | 22.0 | 2.6 | 326.6 | 328.6 | 0.6 | 72.4 | 25.1 | 6.9 |
| 32.5 | 81.7 | 9020.6 | 325.0 | -35.4 | -39.8 | 219.3 | 21.9 | 21.9 | 0.3 | 327.8 | 329.1 | 0.4 | 63.7 | 30.2 | 7.0 |
| 34.3 | 86.0 | 9572.7 | 300.0 | -39.8 | -46.3 | 211.6 | 20.8 | 20.8 | -0.8 | 325.1 | 329.9 | 0.2 | 49.4 | 32.7 | 7.2 |
| 36.7 | 90.8 | 10160.9 | 275.0 | -44.8 | -49.9 | 210.3 | 35.7 | 35.7 | -0.5 | 330.3 | 329.9 | 99.9 | 99.9 | 37.2 | 7.4 |
| 39.7 | 95.7 | 10793.3 | 250.0 | -48.7 | -49.9 | 212.1 | 41.9 | 41.8 | -1.7 | 333.6 | 329.9 | 99.9 | 99.9 | 44.3 | 7.7 |
| 42.9 | 100.8 | 11475.3 | 225.0 | -53.5 | -49.9 | 216.1 | 36.5 | 36.4 | 2.3 | 336.6 | 329.9 | 99.9 | 99.9 | 51.6 | 7.9 |
| 45.9 | 106.5 | 12226.6 | 200.0 | -59.1 | -49.9 | 212.1 | 46.7 | 46.3 | 6.1 | 339.3 | 329.9 | 99.9 | 99.9 | 58.9 | 8.0 |
| 48.7 | 112.8 | 13052.8 | 175.0 | -64.0 | -49.9 | 211.6 | 31.6 | 31.2 | 4.5 | 344.4 | 329.9 | 99.9 | 99.9 | 65.3 | 8.0 |
| 52.5 | 115.7 | 14006.3 | 150.0 | -62.9 | -49.9 | 212.7 | 25.8 | 25.8 | -1.2 | 341.7 | 329.9 | 99.9 | 99.9 | 72.0 | 8.0 |
| 56.7 | 127.3 | 15117.7 | 125.0 | -65.8 | -49.9 | 213.6 | 29.1 | 29.1 | -1.8 | 377.3 | 329.9 | 99.9 | 99.9 | 79.0 | 8.2 |
| 61.6 | 136.9 | 16456.9 | 100.0 | -69.6 | -49.9 | 210.5 | 21.2 | 21.2 | -0.2 | 393.3 | 329.9 | 99.9 | 99.9 | 85.8 | 8.2 |
| 67.6 | 144.7 | 19105.7 | 75.0 | -67.9 | -49.9 | 218.8 | 9.4 | 5.9 | 7.3 | 430.6 | 329.9 | 99.9 | 99.9 | 91.4 | 8.2 |
| 74.4 | 153.0 | 20647.3 | 50.0 | -60.6 | -49.9 | 66.6 | 3.6 | -3.3 | -1.4 | 500.6 | 329.9 | 99.9 | 99.9 | 94.0 | 8.1 |
| 81.3 | 167.6 | 25034.8 | 25.0 | -53.2 | -49.9 | 118.2 | 2.2 | -2.0 | 1.0 | 631.6 | 329.9 | 99.9 | 99.9 | 91.8 | 8.3 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 240
LAKE CHARLES, LA

24 APRIL 1975
515 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | CEN PT DEG C | DIM DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR WTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 3.2 | 5.0 | 1016.4 | 22.2 | 21.7 | 100.0 | 5.1 | -3.3 | 3.9 | 296.2 | 338.4 | 16.3 | 97.0 | 0.0 | 0. |
| 0.5 | 4.5 | 146.9 | 1000.0 | 21.1 | 20.3 | 159.7 | 15.6 | -5.1 | 13.7 | 296.3 | 335.8 | 15.2 | 95.2 | 0.4 | 332. |
| 1.2 | 6.2 | 376.6 | 975.0 | 20.2 | 19.4 | 145.4 | 13.5 | -3.4 | 13.0 | 297.4 | 335.8 | 14.7 | 95.0 | 0.9 | 337. |
| 2.1 | 6.2 | 591.1 | 950.0 | 18.6 | 17.7 | 173.2 | 12.3 | -1.9 | 12.1 | 297.8 | 333.4 | 13.5 | 94.6 | 1.6 | 343. |
| 2.8 | 10.2 | 820.1 | 925.0 | 16.6 | 15.7 | 172.2 | 11.1 | -1.1 | 11.0 | 298.0 | 330.4 | 12.3 | 94.3 | 2.1 | 345. |
| 3.7 | 12.1 | 1023.9 | 900.0 | 14.0 | 12.3 | 192.7 | 9.0 | 2.0 | 8.8 | 299.3 | 326.3 | 10.1 | 78.9 | 2.0 | 348. |
| 4.6 | 14.2 | 1292.7 | 875.0 | 16.2 | 2.1 | 201.8 | 10.8 | 4.0 | 10.0 | 301.3 | 315.6 | 5.1 | 38.6 | 3.0 | 354. |
| 5.4 | 16.1 | 1540.0 | 850.0 | 15.9 | 0.6 | 192.2 | 10.5 | 2.2 | 10.3 | 303.4 | 316.7 | 4.7 | 35.8 | 3.6 | 357. |
| 6.4 | 18.3 | 1792.9 | 825.0 | 14.2 | 5.8 | 190.1 | 9.5 | 1.7 | 9.4 | 304.5 | 324.2 | 7.0 | 37.0 | 4.1 | 359. |
| 7.4 | 20.4 | 2052.1 | 800.0 | 12.3 | -0.7 | 182.3 | 9.6 | 1.4 | 9.5 | 304.9 | 318.3 | 4.7 | 41.6 | 4.7 | 0. |
| 8.3 | 22.5 | 2317.9 | 775.0 | 12.2 | -17.9 | 189.3 | 12.5 | 2.0 | 12.3 | 307.1 | 311.6 | 1.5 | 13.0 | 5.3 | 0. |
| 9.3 | 24.9 | 2592.4 | 750.0 | 13.9 | -41.4 | 196.4 | 15.3 | 4.8 | 14.5 | 311.6 | 312.1 | 0.1 | 1.0 | 6.1 | 2. |
| 10.3 | 27.2 | 2877.2 | 725.0 | 13.4 | -41.7 | 216.5 | 15.5 | 6.7 | 11.7 | 314.2 | 314.7 | 0.1 | 1.0 | 7.0 | 5. |
| 11.4 | 29.4 | 3170.9 | 700.0 | 11.2 | -37.1 | 236.7 | 16.2 | 13.2 | 9.3 | 314.9 | 315.9 | 0.3 | 2.4 | 7.7 | 10. |
| 12.4 | 32.0 | 3472.8 | 675.0 | 9.3 | -24.0 | 239.5 | 17.1 | 14.7 | 8.7 | 316.2 | 318.8 | 0.6 | 7.5 | 8.4 | 16. |
| 13.5 | 34.5 | 3786.3 | 650.0 | 7.2 | -18.1 | 236.6 | 15.5 | 13.0 | 8.6 | 317.3 | 321.9 | 1.4 | 14.4 | 9.3 | 20. |
| 14.6 | 36.6 | 4105.1 | 625.0 | 4.8 | -15.1 | 232.8 | 15.6 | 12.4 | 9.4 | 318.2 | 324.2 | 1.9 | 21.9 | 10.1 | 23. |
| 15.5 | 38.6 | 4436.3 | 600.0 | 2.1 | -15.4 | 235.0 | 14.5 | 12.5 | 7.5 | 318.8 | 325.4 | 2.1 | 28.5 | 10.9 | 26. |
| 16.7 | 42.1 | 4777.8 | 575.0 | -1.1 | -12.2 | 253.6 | 12.9 | 12.3 | 3.6 | 319.0 | 327.2 | 2.6 | 42.7 | 11.6 | 29. |
| 17.0 | 44.6 | 5130.7 | 550.0 | -4.1 | -9.6 | 253.9 | 12.9 | 12.4 | 3.6 | 319.6 | 330.1 | 3.4 | 65.7 | 12.3 | 32. |
| 18.2 | 47.9 | 5495.7 | 525.0 | -7.5 | -8.5 | 247.4 | 10.8 | 10.1 | 3.7 | 319.8 | 331.6 | 3.8 | 92.4 | 13.0 | 35. |
| 19.5 | 50.7 | 5873.6 | 500.0 | -11.1 | -12.8 | 247.3 | 12.7 | 11.7 | 4.9 | 319.8 | 328.8 | 2.9 | 87.5 | 13.7 | 37. |
| 20.8 | 52.6 | 6245.6 | 475.0 | -13.2 | -20.4 | 257.8 | 14.2 | 13.9 | 3.0 | 321.7 | 325.1 | 1.0 | 34.5 | 14.6 | 39. |
| 21.6 | 56.6 | 6675.6 | 450.0 | -15.6 | -28.1 | 262.3 | 18.5 | 18.4 | 2.5 | 323.5 | 326.9 | 1.0 | 45.8 | 15.4 | 43. |
| 23.0 | 60.0 | 7103.6 | 425.0 | -19.0 | -28.5 | 265.1 | 17.5 | 17.9 | 0.6 | 325.6 | 327.5 | 0.8 | 42.6 | 17.1 | 47. |
| 24.1 | 66.5 | 7532.2 | 400.0 | -22.7 | -29.6 | 270.7 | 19.2 | 19.2 | -0.2 | 325.6 | 328.4 | 0.8 | 52.7 | 18.6 | 51. |
| 25.0 | 70.6 | 8022.3 | 375.0 | -26.5 | -29.5 | 275.0 | 19.7 | 19.6 | -2.0 | 326.6 | 329.6 | 0.9 | 75.3 | 19.9 | 54. |
| 26.6 | 74.5 | 8517.0 | 350.0 | -30.2 | -33.0 | 278.0 | 23.7 | 23.6 | -1.6 | 328.0 | 329.9 | 0.6 | 62.6 | 21.6 | 58. |
| 28.0 | 78.7 | 9041.1 | 325.0 | -32.8 | -41.1 | 273.5 | 28.1 | 26.1 | -1.6 | 330.0 | 331.2 | 0.3 | 47.2 | 24.0 | 62. |
| 30.6 | 82.8 | 9597.2 | 300.0 | -37.6 | -51.3 | 272.7 | 28.8 | 26.7 | -1.4 | 332.3 | 332.7 | 0.1 | 22.0 | 26.5 | 65. |
| 33.6 | 87.0 | 10191.1 | 275.0 | -42.7 | -59.9 | 270.1 | 29.3 | 29.3 | -0.1 | 333.4 | 333.9 | 99.9 | 99.9 | 28.7 | 68. |
| 37.7 | 92.4 | 10826.3 | 250.0 | -47.5 | -99.9 | 267.8 | 29.4 | 29.4 | 1.1 | 335.5 | 334.9 | 99.9 | 99.9 | 32.9 | 70. |
| 40.9 | 97.4 | 11517.0 | 225.0 | -52.7 | -99.9 | 261.6 | 31.2 | 30.9 | 4.5 | 337.6 | 335.9 | 99.9 | 99.9 | 37.1 | 72. |
| 42.3 | 99.0 | 12247.1 | 200.0 | -58.3 | -99.9 | 254.2 | 28.7 | 27.6 | 7.4 | 340.5 | 335.9 | 99.9 | 99.9 | 41.5 | 73. |
| 45.0 | 104.3 | 13155.0 | 175.0 | -64.1 | -99.9 | 261.3 | 29.4 | 29.4 | 4.7 | 343.0 | 335.9 | 99.9 | 99.9 | 46.2 | 73. |
| 48.3 | 110.6 | 14247.9 | 150.0 | -61.2 | -99.9 | 262.1 | 28.4 | 28.1 | 3.8 | 344.7 | 335.9 | 99.9 | 99.9 | 51.8 | 74. |
| 52.0 | 118.0 | 15186.7 | 125.0 | -65.4 | -99.9 | 259.7 | 18.6 | 18.3 | 3.3 | 347.5 | 335.9 | 99.9 | 99.9 | 57.5 | 75. |
| 54.4 | 126.3 | 16512.4 | 100.0 | -69.6 | -99.9 | 268.5 | 19.4 | 19.4 | 0.5 | 352.2 | 335.9 | 99.9 | 99.9 | 62.9 | 75. |
| 61.7 | 136.3 | 18203.5 | 75.0 | -72.3 | -99.9 | 247.3 | 11.2 | 10.3 | 4.3 | 421.3 | 335.9 | 99.9 | 99.9 | 68.8 | 76. |
| 70.0 | 146.3 | 23680.0 | 50.0 | -60.8 | -99.9 | 236.3 | 3.6 | 3.1 | 1.8 | 500.3 | 335.9 | 99.9 | 99.9 | 64.4 | 76. |
| 83.4 | 156.7 | 25104.4 | 25.0 | -53.0 | -99.9 | 81.5 | 5.7 | -3.7 | -0.8 | 632.8 | 335.9 | 99.9 | 99.9 | 68.1 | 77. |

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00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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OF POOR QUALITY

STATION NO. 248
SHREVEPORT, LA

24 APRIL 1975
515 GMT

| TIME MIN | CATCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIP DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DEG K | E POT Y DEG K | MR ATO GM/KG | PH PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 4.4 | 79.0 | 1004.4 | 22.0 | 17.6 | 190.0 | 4.6 | 0.0 | 4.5 | 296.5 | 329.8 | 12.7 | 76.0 | 0.0 | 0. |
| 0.1 | 4.8 | 117.3 | 1000.0 | 21.9 | 17.0 | 191.3 | 7.7 | 1.5 | 7.6 | 296.8 | 330.7 | 13.0 | 77.7 | 0.2 | 5. |
| 1.0 | 6.7 | 337.6 | 975.0 | 20.9 | 17.9 | 191.3 | 11.2 | 2.2 | 11.0 | 298.0 | 333.3 | 13.4 | 82.8 | 0.6 | 10. |
| 1.9 | 8.9 | 562.5 | 950.0 | 19.2 | 17.4 | 193.2 | 17.5 | 4.0 | 17.0 | 298.5 | 333.6 | 13.3 | 89.5 | 1.3 | 11. |
| 2.8 | 11.0 | 792.4 | 925.0 | 19.6 | 17.8 | 193.9 | 20.7 | 5.0 | 20.0 | 300.8 | 337.8 | 10.9 | 90.2 | 2.4 | 12. |
| 3.9 | 13.3 | 1028.3 | 900.0 | 18.3 | 17.9 | 200.6 | 20.1 | 7.1 | 18.8 | 301.7 | 328.3 | 9.8 | 95.2 | 3.0 | 14. |
| 5.0 | 15.5 | 1265.8 | 875.0 | 17.7 | 17.7 | 204.3 | 20.2 | 8.9 | 18.1 | 303.0 | 320.0 | 8.1 | 91.6 | 5.1 | 16. |
| 6.1 | 17.9 | 1517.4 | 850.0 | 17.1 | 17.1 | 214.6 | 21.4 | 12.1 | 17.6 | 304.8 | 321.4 | 5.9 | 90.7 | 6.3 | 19. |
| 7.0 | 20.3 | 1771.5 | 825.0 | 15.5 | 16.4 | 215.9 | 20.2 | 11.8 | 16.3 | 305.8 | 322.7 | 5.9 | 90.2 | 7.4 | 22. |
| 7.9 | 22.6 | 2031.8 | 800.0 | 13.8 | 15.5 | 210.5 | 16.6 | 8.4 | 14.3 | 306.6 | 323.5 | 5.9 | 90.2 | 8.5 | 23. |
| 9.1 | 25.2 | 2255.3 | 775.0 | 14.2 | 15.3 | 212.3 | 18.7 | 10.3 | 15.7 | 309.4 | 316.8 | 2.5 | 89.9 | 9.6 | 24. |
| 10.1 | 27.5 | 2575.2 | 750.0 | 13.0 | 15.7 | 221.0 | 18.0 | 11.0 | 13.6 | 310.7 | 315.6 | 1.5 | 12.0 | 10.8 | 25. |
| 11.2 | 30.2 | 2858.6 | 725.0 | 10.9 | 17.3 | 233.7 | 17.0 | 13.7 | 10.1 | 311.4 | 315.9 | 1.4 | 12.0 | 11.2 | 27. |
| 12.3 | 32.9 | 3149.9 | 700.0 | 9.5 | 15.5 | 238.7 | 15.4 | 12.1 | 9.5 | 313.2 | 318.3 | 1.6 | 15.5 | 12.8 | 30. |
| 13.4 | 35.5 | 3451.2 | 675.0 | 7.8 | 11.2 | 248.5 | 16.2 | 16.4 | 7.8 | 315.1 | 310.5 | 5.2 | 15.9 | 13.9 | 32. |
| 14.6 | 38.1 | 3761.3 | 650.0 | 5.4 | 11.2 | 248.6 | 17.7 | 18.5 | 6.4 | 315.7 | 320.3 | 4.9 | 15.4 | 15.0 | 35. |
| 15.9 | 40.8 | 4080.8 | 625.0 | 2.6 | 11.5 | 256.4 | 15.5 | 15.1 | 3.6 | 316.2 | 329.5 | 4.4 | 15.5 | 15.9 | 36. |
| 17.3 | 43.8 | 4405.8 | 600.0 | -0.0 | 11.7 | 256.5 | 18.5 | 19.0 | 4.3 | 316.5 | 326.7 | 3.3 | 15.5 | 17.1 | 41. |
| 18.5 | 46.6 | 4745.6 | 575.0 | -2.3 | 11.7 | 261.2 | 21.6 | 21.3 | 3.3 | 317.6 | 327.6 | 3.2 | 15.9 | 18.2 | 43. |
| 19.8 | 49.8 | 5101.1 | 550.0 | -5.2 | 11.7 | 260.2 | 23.9 | 23.5 | 4.1 | 318.5 | 331.3 | 4.2 | 16.5 | 19.7 | 47. |
| 21.2 | 52.6 | 5465.1 | 525.0 | -8.4 | 11.7 | 259.8 | 26.7 | 26.3 | 4.7 | 318.7 | 329.6 | 3.5 | 16.5 | 21.5 | 50. |
| 22.5 | 55.6 | 5841.6 | 500.0 | -12.1 | 17.8 | 260.9 | 26.4 | 26.1 | 4.2 | 318.5 | 324.6 | 1.9 | 16.1 | 23.2 | 52. |
| 23.9 | 58.7 | 6231.5 | 475.0 | -15.8 | 17.8 | 258.0 | 25.7 | 25.1 | 5.3 | 318.5 | 321.0 | 0.8 | 16.1 | 25.4 | 54. |
| 25.6 | 62.1 | 6637.3 | 450.0 | -17.8 | 17.8 | 257.9 | 28.2 | 27.6 | 5.9 | 320.9 | 322.6 | 0.5 | 16.5 | 27.9 | 57. |
| 27.1 | 65.5 | 7023.9 | 425.0 | -19.5 | 17.8 | 260.7 | 23.9 | 23.4 | 3.9 | 324.4 | 324.8 | 0.2 | 16.5 | 30.1 | 59. |
| 28.4 | 68.0 | 7510.8 | 400.0 | -23.5 | 17.8 | 260.6 | 24.5 | 23.6 | 4.0 | 324.4 | 325.1 | 0.2 | 16.6 | 32.2 | 60. |
| 30.4 | 72.5 | 7840.0 | 375.0 | -27.2 | 17.8 | 262.0 | 21.2 | 21.0 | 3.0 | 325.6 | 326.1 | 0.1 | 16.9 | 34.3 | 62. |
| 32.1 | 76.5 | 8273.3 | 350.0 | -30.8 | 17.8 | 251.4 | 22.5 | 21.3 | 7.2 | 327.2 | 327.9 | 0.2 | 16.9 | 36.4 | 62. |
| 33.9 | 80.4 | 8995.2 | 325.0 | -34.8 | 17.8 | 255.1 | 24.3 | 23.5 | 6.3 | 328.7 | 329.1 | 0.1 | 16.7 | 38.9 | 63. |
| 35.0 | 84.7 | 9445.3 | 300.0 | -39.0 | 17.8 | 250.5 | 32.4 | 31.9 | 5.9 | 330.3 | 330.8 | 0.1 | 16.7 | 42.4 | 64. |
| 36.3 | 88.3 | 10137.4 | 275.0 | -44.1 | 17.8 | 260.3 | 31.6 | 31.3 | 5.4 | 331.4 | 330.9 | 9.9 | 16.9 | 46.4 | 64. |
| 38.0 | 92.8 | 10771.7 | 250.0 | -48.8 | 17.8 | 261.3 | 30.3 | 30.8 | 5.8 | 333.8 | 330.9 | 9.9 | 16.9 | 51.9 | 67. |
| 40.0 | 98.8 | 11455.5 | 225.0 | -54.4 | 17.8 | 257.1 | 40.7 | 39.6 | 9.1 | 335.1 | 335.1 | 9.9 | 16.9 | 58.5 | 64. |
| 40.9 | 104.0 | 12000.2 | 200.0 | -60.3 | 17.8 | 252.8 | 36.7 | 35.1 | 10.9 | 337.3 | 339.9 | 9.9 | 16.9 | 65.8 | 64. |
| 50.2 | 110.0 | 13027.8 | 175.0 | -62.9 | 17.8 | 257.7 | 28.5 | 28.9 | 6.3 | 336.2 | 339.9 | 9.9 | 16.9 | 71.7 | 70. |
| 55.0 | 116.3 | 13586.1 | 150.0 | -59.9 | 17.8 | 263.2 | 34.7 | 34.4 | 4.1 | 336.9 | 339.9 | 9.9 | 16.9 | 78.5 | 71. |
| 58.3 | 123.3 | 15112.6 | 125.0 | -63.5 | 17.8 | 264.9 | 24.5 | 24.4 | 2.2 | 338.1 | 339.9 | 9.9 | 16.9 | 87.0 | 72. |
| 63.4 | 130.9 | 16463.9 | 100.0 | -66.8 | 17.8 | 266.1 | 24.0 | 24.0 | 1.7 | 338.8 | 339.9 | 9.9 | 16.9 | 94.9 | 73. |
| 68.0 | 137.7 | 18170.7 | 75.0 | -70.7 | 17.8 | 266.6 | 23.8 | 22.3 | 8.3 | 424.7 | 339.9 | 9.9 | 16.9 | 99.9 | 73. |
| 74.0 | 148.7 | 20667.7 | 50.0 | -60.1 | 17.8 | 266.6 | 4.7 | -8.3 | -0.6 | 502.8 | 339.9 | 9.9 | 16.9 | 105.1 | 73. |
| 90.0 | 158.3 | 25076.5 | 25.0 | -52.1 | 17.8 | 266.6 | 3.3 | 2.9 | -1.6 | 635.4 | 339.9 | 9.9 | 16.9 | 108.8 | 74. |

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OF POOR QUALITY

STATION NO. 255
VICTORIA, TEX24 APRIL 1975
515 GMT

| TIME MIN | CHTCI | HEIGHT CM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | NR RTO CM/RC | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|--------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 4.2 | 33.0 | 1009.0 | 24.0 | 21.9 | 170.0 | 7.7 | -1.3 | 7.6 | 290.6 | 342.1 | 16.7 | 80.0 | 0.0 | 0.0 |
| 0.1 | 4.8 | 111.9 | 1000.0 | 23.9 | 22.3 | 99.0 | 99.9 | 99.9 | 99.9 | 299.6 | 344.4 | 17.2 | 90.4 | 999.9 | 999.9 |
| 0.8 | 6.3 | 33.0 | 975.0 | 22.9 | 21.6 | 99.0 | 99.9 | 99.9 | 99.9 | 300.2 | 345.2 | 17.1 | 94.7 | 999.9 | 999.9 |
| 1.5 | 8.6 | 50.0 | 950.0 | 20.0 | 20.1 | 99.0 | 99.9 | 99.9 | 99.9 | 300.4 | 342.2 | 15.0 | 95.0 | 999.9 | 999.9 |
| 2.1 | 10.6 | 791.0 | 925.0 | 19.5 | 18.7 | 170.0 | 19.5 | -0.1 | 19.5 | 301.2 | 343.8 | 14.9 | 95.4 | 2.1 | 350.0 |
| 2.9 | 12.6 | 1020.3 | 900.0 | 18.5 | 17.7 | 180.0 | 19.2 | 1.5 | 19.2 | 302.5 | 340.9 | 14.4 | 95.3 | 2.9 | 350.0 |
| 3.6 | 14.8 | 1260.7 | 875.0 | 16.0 | 10.7 | 187.9 | 20.7 | 2.8 | 20.5 | 301.7 | 327.2 | 9.4 | 71.0 | 3.6 | 350.0 |
| 4.3 | 16.8 | 1517.3 | 850.0 | 17.5 | 2.6 | 184.0 | 22.6 | 1.6 | 22.6 | 305.3 | 320.9 | 5.5 | 37.0 | 4.3 | 350.0 |
| 5.2 | 16.2 | 1771.4 | 825.0 | 15.0 | -6.4 | 182.6 | 20.3 | 0.9 | 20.3 | 305.6 | 314.4 | 3.0 | 21.9 | 5.2 | 350.0 |
| 5.9 | 21.3 | 2021.9 | 800.0 | 16.0 | -38.0 | 182.0 | 18.0 | 2.3 | 18.7 | 308.2 | 308.6 | 0.2 | 1.3 | 5.9 | 350.0 |
| 6.4 | 23.6 | 2301.9 | 775.0 | 17.3 | -39.3 | 195.4 | 19.0 | 5.2 | 19.1 | 312.6 | 313.6 | 0.2 | 1.0 | 6.4 | 350.0 |
| 7.6 | 25.0 | 2500.7 | 750.0 | 17.2 | -39.4 | 201.0 | 18.5 | 6.6 | 17.3 | 315.3 | 315.9 | 0.2 | 1.0 | 7.6 | 350.0 |
| 8.6 | 28.3 | 2650.4 | 725.0 | 15.7 | -40.3 | 198.7 | 16.3 | 5.2 | 15.5 | 316.7 | 317.3 | 0.2 | 1.0 | 8.6 | 350.0 |
| 9.4 | 30.7 | 3164.4 | 700.0 | 13.0 | -41.5 | 197.4 | 16.8 | 5.0 | 16.0 | 317.8 | 318.3 | 0.1 | 1.0 | 9.4 | 350.0 |
| 10.5 | 32.2 | 3462.8 | 675.0 | 11.2 | -43.0 | 203.6 | 15.3 | 6.1 | 14.0 | 318.2 | 318.6 | 0.1 | 1.0 | 10.5 | 350.0 |
| 11.5 | 35.7 | 3782.1 | 650.0 | 9.4 | -24.4 | 216.0 | 11.6 | 6.0 | 9.4 | 319.6 | 322.5 | 0.9 | 7.0 | 11.5 | 350.0 |
| 12.4 | 38.3 | 4105.6 | 625.0 | 6.9 | -17.8 | 225.3 | 9.9 | 7.0 | 6.9 | 320.5 | 325.5 | 1.5 | 15.2 | 12.4 | 350.0 |
| 13.4 | 40.9 | 4438.0 | 600.0 | 3.8 | -14.7 | 238.4 | 7.7 | 6.6 | 4.0 | 320.7 | 327.2 | 2.0 | 24.4 | 13.4 | 350.0 |
| 14.7 | 45.7 | 4782.1 | 575.0 | 0.0 | -13.0 | 245.3 | 8.5 | 7.7 | 3.6 | 320.3 | 328.1 | 2.0 | 24.4 | 14.7 | 350.0 |
| 15.9 | 46.6 | 5136.3 | 550.0 | -3.4 | -11.9 | 242.0 | 10.3 | 9.1 | 4.7 | 320.4 | 327.2 | 2.8 | 36.9 | 15.9 | 350.0 |
| 17.1 | 46.5 | 5502.2 | 525.0 | -6.2 | -10.6 | 250.1 | 9.8 | 9.2 | 3.3 | 321.1 | 327.6 | 2.0 | 44.1 | 17.1 | 350.0 |
| 18.4 | 52.3 | 5822.6 | 500.0 | -7.9 | -5.9 | 256.2 | 10.0 | 10.5 | 2.2 | 323.3 | 323.5 | 0.0 | 1.0 | 18.4 | 350.0 |
| 19.6 | 55.3 | 6278.9 | 475.0 | -11.1 | -5.0 | 256.9 | 13.0 | 12.6 | 2.9 | 324.6 | 324.6 | 0.0 | 1.0 | 19.6 | 350.0 |
| 21.7 | 58.5 | 6691.1 | 450.0 | -14.9 | -9.7 | 254.7 | 13.0 | 12.6 | 3.4 | 324.6 | 324.6 | 0.0 | 1.0 | 21.7 | 350.0 |
| 23.4 | 61.9 | 7120.5 | 425.0 | -18.4 | -28.2 | 265.1 | 13.6 | 13.6 | 1.2 | 325.4 | 328.4 | 0.9 | 41.0 | 23.4 | 350.0 |
| 25.6 | 65.3 | 7570.1 | 400.0 | -21.9 | -32.5 | 269.0 | 17.3 | 17.3 | 0.3 | 326.4 | 328.4 | 0.6 | 37.3 | 25.6 | 350.0 |
| 27.2 | 68.0 | 8041.7 | 375.0 | -25.4 | -27.7 | 265.7 | 20.1 | 20.1 | 1.5 | 328.1 | 331.7 | 1.0 | 60.5 | 27.2 | 350.0 |
| 29.0 | 76.3 | 8534.8 | 350.0 | -29.4 | -30.1 | 261.4 | 23.7 | 23.4 | 3.5 | 328.2 | 332.3 | 0.9 | 93.5 | 29.0 | 350.0 |
| 30.9 | 80.4 | 9020.5 | 325.0 | -33.6 | -43.4 | 263.9 | 24.9 | 24.0 | 2.7 | 330.3 | 331.2 | 0.2 | 36.3 | 30.9 | 350.0 |
| 31.0 | 84.8 | 9420.5 | 300.0 | -37.4 | -50.9 | 264.1 | 27.7 | 27.7 | 1.9 | 332.6 | 333.0 | 0.1 | 22.7 | 31.0 | 350.0 |
| 35.3 | 87.2 | 10215.2 | 275.0 | -42.4 | 99.0 | 266.9 | 32.4 | 32.4 | 1.7 | 334.6 | 999.9 | 99.9 | 999.9 | 35.3 | 350.0 |
| 37.9 | 94.2 | 11541.1 | 250.0 | -47.1 | 99.9 | 265.5 | 34.5 | 34.5 | 2.7 | 336.1 | 999.9 | 99.9 | 999.9 | 37.9 | 350.0 |
| 40.9 | 94.4 | 12290.4 | 225.0 | -53.0 | 99.9 | 266.0 | 31.6 | 31.5 | 2.2 | 337.3 | 999.9 | 99.9 | 999.9 | 40.9 | 350.0 |
| 42.4 | 105.0 | 13117.6 | 175.0 | -58.7 | 99.9 | 158.2 | 34.5 | 33.8 | 7.0 | 339.9 | 999.9 | 99.9 | 999.9 | 42.4 | 350.0 |
| 47.1 | 111.3 | 14061.6 | 150.0 | -63.3 | 99.9 | 277.1 | 32.3 | 32.1 | -0.0 | 340.5 | 999.9 | 99.9 | 999.9 | 47.1 | 350.0 |
| 51.3 | 116.3 | 15169.4 | 125.0 | -61.2 | 99.9 | 252.9 | 31.7 | 30.3 | 9.3 | 340.7 | 999.9 | 99.9 | 999.9 | 51.3 | 350.0 |
| 54.2 | 127.0 | 16525.4 | 100.0 | -65.4 | 99.9 | 261.2 | 23.9 | 23.7 | 3.7 | 378.6 | 999.9 | 99.9 | 999.9 | 54.2 | 350.0 |
| 62.2 | 136.7 | 18225.3 | 75.0 | -70.0 | 99.9 | 252.1 | 18.7 | 17.8 | 5.7 | 352.5 | 999.9 | 99.9 | 999.9 | 62.2 | 350.0 |
| 71.0 | 147.5 | 20684.4 | 50.0 | -71.1 | 99.9 | 283.9 | 3.7 | 3.6 | -0.9 | 423.9 | 999.9 | 99.9 | 999.9 | 71.0 | 350.0 |
| 86.6 | 160.0 | 25103.7 | 25.0 | -81.8 | 99.9 | 230.1 | 1.7 | 1.3 | 1.1 | 498.0 | 999.9 | 99.9 | 999.9 | 86.6 | 350.0 |
| | | | | -83.6 | 99.9 | 82.6 | 13.3 | -13.2 | -1.7 | 630.6 | 999.9 | 99.9 | 999.9 | | 350.0 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 240
STEPHENSVILLE, TEX24 APRIL 1975
515 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 00.0 | 50.7 | 3590.0 | 963.9 | 21.7 | 18.5 | 170.0 | 7.2 | -1.3 | 7.1 | 299.9 | 337.1 | 14.1 | 82.0 | 0.0 | 0. |
| 00.9 | 50.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 01.8 | 50.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 05.5 | 10.9 | 525.7 | 950.0 | 21.8 | 18.5 | 170.0 | 17.7 | -2.9 | 17.4 | 301.3 | 337.3 | 14.3 | 81.3 | 0.4 | 35.0 |
| 1.3 | 13.3 | 758.0 | 925.0 | 21.1 | 18.6 | 181.5 | 20.7 | 0.5 | 20.7 | 302.9 | 342.4 | 14.8 | 85.6 | 1.3 | 35.4 |
| 2.1 | 15.6 | 956.0 | 900.0 | 20.1 | 18.2 | 190.1 | 22.5 | 4.0 | 22.2 | 304.2 | 344.0 | 14.8 | 89.1 | 2.4 | 35.4 |
| 3.0 | 18.0 | 1239.6 | 875.0 | 20.1 | 16.7 | 205.2 | 18.5 | 7.9 | 16.7 | 306.5 | 344.1 | 13.8 | 80.7 | 3.5 | 4. |
| 3.9 | 20.4 | 1490.4 | 850.0 | 19.4 | 13.3 | 220.9 | 17.0 | 11.1 | 12.4 | 308.3 | 339.6 | 11.4 | 65.0 | 4.3 | 11. |
| 4.9 | 22.8 | 1746.9 | 825.0 | 17.1 | 12.1 | 233.5 | 14.9 | 12.0 | 8.9 | 308.2 | 338.2 | 10.8 | 72.2 | 5.1 | 17. |
| 5.3 | 25.3 | 2006.9 | 800.0 | 16.9 | 5.4 | 257.7 | 13.2 | 12.9 | 2.8 | 310.1 | 330.6 | 7.2 | 47.6 | 5.7 | 23. |
| 6.8 | 27.8 | 2280.1 | 775.0 | 16.2 | -4.8 | 281.1 | 15.0 | 14.8 | -2.9 | 311.7 | 322.1 | 3.5 | 23.2 | 6.0 | 30. |
| 7.7 | 30.4 | 2537.8 | 750.0 | 14.6 | -8.2 | 269.7 | 16.8 | 16.8 | 0.0 | 314.7 | 321.1 | 2.7 | 19.8 | 6.4 | 37. |
| 8.7 | 33.1 | 2843.1 | 725.0 | 12.9 | -9.9 | 258.3 | 18.4 | 18.0 | 3.7 | 313.9 | 322.2 | 2.7 | 21.0 | 7.2 | 43. |
| 9.3 | 35.7 | 3136.4 | 700.0 | 10.3 | -11.3 | 248.3 | 21.6 | 20.1 | 0.0 | 314.2 | 321.3 | 2.3 | 20.5 | 8.1 | 44. |
| 10.7 | 38.4 | 3437.9 | 675.0 | 8.0 | -15.4 | 242.8 | 23.0 | 20.5 | 10.5 | 315.5 | 321.0 | 1.7 | 16.6 | 9.9 | 50. |
| 11.7 | 41.1 | 3748.3 | 650.0 | 6.1 | -19.3 | 238.6 | 22.1 | 18.9 | 11.5 | 316.0 | 320.1 | 1.3 | 14.0 | 10.9 | 51. |
| 12.9 | 44.0 | 4067.7 | 625.0 | 3.3 | -20.6 | 236.8 | 22.5 | 18.8 | 12.3 | 316.4 | 320.2 | 1.2 | 15.2 | 12.5 | 52. |
| 14.0 | 46.9 | 4397.3 | 500.0 | 1.4 | -30.0 | 237.7 | 20.7 | 17.5 | 11.1 | 317.8 | 319.6 | 0.5 | 7.4 | 12.9 | 52. |
| 15.1 | 49.9 | 4738.4 | 575.0 | -0.8 | -35.3 | 239.4 | 19.8 | 17.0 | 10.1 | 319.0 | 322.2 | 0.3 | 5.2 | 15.1 | 53. |
| 16.4 | 52.8 | 5091.1 | 550.0 | -3.8 | -41.2 | 236.9 | 18.9 | 15.9 | 10.3 | 319.6 | 320.2 | 0.2 | 3.5 | 16.9 | 57. |
| 17.7 | 55.8 | 5456.0 | 525.0 | -7.2 | -40.2 | 242.5 | 19.8 | 17.5 | 9.1 | 319.8 | 320.5 | 0.2 | 5.1 | 18.2 | 54. |
| 18.9 | 59.1 | 5833.6 | 500.0 | -10.5 | -40.2 | 251.1 | 19.8 | 18.7 | 6.4 | 320.2 | 321.0 | 0.2 | 6.6 | 19.6 | 57. |
| 20.3 | 62.3 | 6226.2 | 475.0 | -13.9 | -38.4 | 249.8 | 19.3 | 18.1 | 6.7 | 320.7 | 321.8 | 0.3 | 10.4 | 21.0 | 50. |
| 21.6 | 65.6 | 6634.1 | 450.0 | -17.6 | -41.1 | 248.7 | 22.0 | 20.5 | 6.0 | 321.1 | 321.9 | 0.2 | 10.7 | 22.7 | 57. |
| 22.9 | 68.9 | 7058.7 | 425.0 | -21.3 | -43.7 | 256.3 | 24.3 | 23.6 | 5.7 | 321.7 | 322.3 | 0.2 | 11.1 | 24.5 | 58. |
| 24.5 | 72.4 | 7503.7 | 400.0 | -24.2 | -47.8 | 254.2 | 25.7 | 24.8 | 7.0 | 323.4 | 323.9 | 0.1 | 9.2 | 26.9 | 40. |
| 26.1 | 76.1 | 7970.8 | 375.0 | -27.5 | -50.1 | 251.9 | 29.3 | 27.8 | 9.1 | 325.1 | 325.5 | 0.1 | 9.5 | 29.4 | 61. |
| 27.7 | 80.0 | 8464.0 | 350.0 | -30.9 | -52.4 | 257.7 | 26.9 | 26.2 | 5.7 | 327.1 | 327.4 | 0.1 | 9.9 | 31.9 | 62. |
| 29.7 | 84.0 | 8985.0 | 325.0 | -35.6 | -55.9 | 255.1 | 27.6 | 26.7 | 7.1 | 327.5 | 327.7 | 0.1 | 10.3 | 35.2 | 63. |
| 31.5 | 87.8 | 9537.4 | 300.0 | -39.9 | -59.9 | 254.0 | 36.2 | 34.8 | 10.0 | 329.1 | 993.9 | 99.9 | 99.9 | 38.4 | 64. |
| 33.8 | 92.4 | 10125.2 | 275.0 | -45.1 | -69.9 | 262.7 | 27.9 | 27.7 | 3.5 | 330.0 | 993.9 | 99.9 | 99.9 | 42.7 | 67. |
| 36.1 | 96.8 | 10756.0 | 250.0 | -49.5 | -69.9 | 256.3 | 31.2 | 30.3 | 7.4 | 332.4 | 993.9 | 99.9 | 99.9 | 47.6 | 67. |
| 38.7 | 101.8 | 11436.6 | 225.0 | -54.9 | -69.9 | 249.7 | 31.6 | 20.6 | 11.0 | 334.4 | 993.9 | 99.9 | 99.9 | 53.3 | 67. |
| 41.7 | 107.2 | 12182.0 | 200.0 | -59.1 | -69.9 | 254.4 | 35.1 | 33.9 | 9.4 | 339.2 | 993.9 | 99.9 | 99.9 | 59.9 | 68. |
| 44.9 | 112.8 | 13013.5 | 175.0 | -60.7 | -69.9 | 260.8 | 38.6 | 38.1 | 6.1 | 345.8 | 993.9 | 99.9 | 99.9 | 66.4 | 69. |
| 48.6 | 119.3 | 13975.9 | 150.0 | -60.1 | -69.9 | 254.5 | 43.6 | 42.0 | 11.7 | 366.5 | 993.9 | 99.9 | 99.9 | 75.9 | 70. |
| 53.5 | 126.0 | 15108.8 | 125.0 | -61.4 | -69.9 | 256.0 | 29.1 | 28.3 | 7.0 | 363.9 | 993.9 | 99.9 | 99.9 | 80.3 | 71. |
| 58.3 | 133.7 | 16475.6 | 100.0 | -69.0 | -69.9 | 263.9 | 13.1 | 13.0 | 1.4 | 364.4 | 993.9 | 99.9 | 99.9 | 92.2 | 71. |
| 64.6 | 141.7 | 18179.9 | 75.0 | -69.9 | -69.9 | 238.4 | 9.5 | 9.1 | 5.0 | 426.4 | 993.9 | 99.9 | 99.9 | 96.9 | 71. |
| 73.4 | 150.3 | 20670.0 | 50.0 | -58.9 | -69.9 | 233.4 | 2.4 | 1.9 | 1.4 | 504.8 | 993.9 | 99.9 | 99.9 | 101.1 | 70. |
| 99.0 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 261
DEL RIO, TEX

24 APRIL 1975
515 GMT

| TIME MIN | CNTCT | WEIGHT GPH | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.9 | 318.0 | 971.2 | 26.3 | 16.5 | 110.0 | 6.7 | -6.3 | 2.3 | 303.7 | 337.0 | 12.3 | 95.0 | 0.0 | 0. |
| 99.9 | 55.9 | 1000.0 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 55.5 | 975.0 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.7 | 10.3 | 508.9 | 950.0 | 25.6 | 15.8 | 132.7 | 17.8 | -13.1 | 12.1 | 304.2 | 337.4 | 12.0 | 54.5 | 0.5 | 328. |
| 1.6 | 13.2 | 743.5 | 925.0 | 24.4 | 14.8 | 142.2 | 18.7 | -11.4 | 14.7 | 305.8 | 337.4 | 11.5 | 55.1 | 1.4 | 313. |
| 2.2 | 15.6 | 583.5 | 900.0 | 24.0 | 12.4 | 151.7 | 17.0 | -8.1 | 15.0 | 307.6 | 335.8 | 10.1 | 48.4 | 2.1 | 316. |
| 3.0 | 18.1 | 1232.0 | 875.0 | 23.3 | 9.9 | 154.3 | 14.0 | -4.0 | 14.2 | 309.2 | 334.0 | 8.8 | 42.7 | 2.8 | 323. |
| 3.8 | 20.5 | 1482.6 | 850.0 | 21.9 | 10.2 | 174.7 | 13.6 | -1.3 | 13.6 | 310.4 | 336.5 | 9.3 | 47.3 | 3.4 | 324. |
| 4.6 | 23.2 | 1741.0 | 825.0 | 20.2 | 10.0 | 182.8 | 11.5 | 0.6 | 11.5 | 311.2 | 337.8 | 9.4 | 51.8 | 3.9 | 333. |
| 5.3 | 25.0 | 2004.3 | 800.0 | 15.4 | 1.1 | 177.5 | 10.7 | -0.5 | 10.7 | 312.5 | 328.1 | 5.3 | 30.0 | 4.4 | 334. |
| 6.2 | 28.3 | 2278.5 | 775.0 | 18.2 | 3.2 | 191.1 | 10.0 | 1.9 | 9.9 | 314.3 | 332.8 | 6.3 | 37.2 | 4.9 | 339. |
| 7.1 | 31.1 | 2558.9 | 750.0 | 16.7 | 1.1 | 195.8 | 9.7 | 3.3 | 9.1 | 315.5 | 331.9 | 5.5 | 34.8 | 5.4 | 342. |
| 8.0 | 33.8 | 2846.8 | 725.0 | 14.7 | -1.5 | 213.3 | 9.3 | 5.1 | 7.8 | 316.2 | 330.5 | 4.8 | 32.9 | 5.7 | 346. |
| 8.9 | 36.4 | 3142.4 | 700.0 | 12.6 | -6.6 | 231.5 | 10.5 | 8.2 | 6.5 | 317.2 | 327.1 | 3.3 | 25.5 | 6.0 | 350. |
| 9.9 | 39.4 | 3446.3 | 675.0 | 10.2 | -8.4 | 236.5 | 12.3 | 10.2 | 6.8 | 317.5 | 326.8 | 3.0 | 26.0 | 6.3 | 356. |
| 10.9 | 42.0 | 3758.5 | 650.0 | 7.2 | -10.6 | 232.4 | 13.1 | 10.4 | 8.0 | 317.4 | 325.6 | 2.6 | 27.0 | 6.7 | 1. |
| 11.9 | 45.0 | 4076.3 | 625.0 | 4.2 | -11.7 | 232.8 | 13.4 | 10.7 | 8.1 | 317.5 | 325.4 | 2.5 | 30.3 | 7.3 | 0. |
| 12.9 | 48.1 | 4408.9 | 600.0 | 1.2 | -13.2 | 235.9 | 13.6 | 11.7 | 6.8 | 317.8 | 325.0 | 2.3 | 33.2 | 7.5 | 11. |
| 13.9 | 51.3 | 4746.6 | 575.0 | -2.2 | -14.9 | 246.6 | 15.2 | 14.0 | 6.1 | 317.7 | 324.3 | 2.1 | 36.9 | 8.4 | 15. |
| 15.0 | 54.3 | 5101.1 | 550.0 | -5.0 | -18.4 | 256.0 | 17.6 | 17.1 | 4.3 | 318.3 | 322.8 | 1.4 | 28.5 | 9.0 | 21. |
| 16.1 | 57.3 | 5465.0 | 525.0 | -7.7 | -22.8 | 264.0 | 18.4 | 18.3 | 1.9 | 319.3 | 321.1 | 1.2 | 28.6 | 9.7 | 27. |
| 17.5 | 60.7 | 5843.2 | 500.0 | -9.4 | -24.9 | 269.1 | 21.5 | 21.5 | 0.3 | 321.7 | 325.0 | 1.0 | 27.0 | 10.6 | 35. |
| 18.8 | 64.1 | 6237.4 | 475.0 | -12.5 | -32.9 | 271.8 | 22.4 | 22.4 | -0.7 | 322.5 | 324.3 | 0.5 | 16.2 | 11.6 | 42. |
| 20.1 | 67.6 | 6647.9 | 450.0 | -15.0 | -36.0 | 271.6 | 20.4 | 20.4 | -0.6 | 324.3 | 325.7 | 0.4 | 14.7 | 12.4 | 48. |
| 21.3 | 71.0 | 7077.6 | 425.0 | -17.9 | -40.9 | 284.2 | 19.4 | 19.3 | 2.0 | 326.0 | 327.0 | 0.2 | 11.4 | 13.7 | 52. |
| 22.6 | 74.7 | 7527.8 | 400.0 | -21.5 | -43.4 | 282.1 | 20.3 | 20.1 | 2.8 | 327.0 | 327.8 | 0.2 | 11.7 | 15.2 | 54. |
| 23.9 | 78.7 | 7996.8 | 375.0 | -25.4 | -41.4 | 280.3 | 25.5 | 25.1 | 4.3 | 327.9 | 328.9 | 0.3 | 20.8 | 16.8 | 57. |
| 25.2 | 82.7 | 8496.1 | 350.0 | -30.0 | -40.5 | 256.9 | 29.3 | 28.6 | 6.6 | 328.3 | 329.4 | 0.3 | 34.8 | 18.3 | 60. |
| 26.7 | 86.7 | 9019.5 | 325.0 | -34.0 | -40.0 | 284.0 | 31.5 | 30.3 | 8.7 | 329.8 | 331.1 | 0.4 | 54.5 | 21.4 | 61. |
| 28.8 | 90.2 | 9576.9 | 300.0 | -37.6 | -45.1 | 258.3 | 36.9 | 36.1 | 7.5 | 332.2 | 333.1 | 0.2 | 45.1 | 25.7 | 64. |
| 30.9 | 95.6 | 10171.6 | 275.0 | -42.2 | -49.9 | 254.1 | 32.8 | 31.5 | 9.0 | 334.2 | 334.9 | 99.9 | 99.9 | 30.2 | 66. |
| 33.1 | 100.3 | 10809.5 | 250.0 | -47.4 | -59.9 | 263.9 | 32.7 | 32.5 | 3.5 | 335.6 | 336.9 | 99.9 | 99.9 | 34.3 | 67. |
| 35.4 | 105.5 | 11496.6 | 225.0 | -51.6 | -69.9 | 272.9 | 33.5 | 33.5 | -1.7 | 336.3 | 337.5 | 99.9 | 99.9 | 38.3 | 70. |
| 37.9 | 111.0 | 12241.5 | 200.0 | -60.2 | -79.9 | 271.4 | 31.7 | 31.7 | -0.9 | 337.5 | 338.9 | 99.9 | 99.9 | 43.5 | 72. |
| 40.5 | 117.0 | 13064.3 | 175.0 | -64.6 | -89.9 | 274.1 | 45.1 | 45.0 | -3.2 | 343.4 | 344.9 | 99.9 | 99.9 | 49.2 | 75. |
| 43.3 | 123.7 | 14003.7 | 150.0 | -64.8 | -99.9 | 254.7 | 30.7 | 29.0 | 8.1 | 358.6 | 359.9 | 99.9 | 99.9 | 54.8 | 76. |
| 46.7 | 130.4 | 15114.1 | 125.0 | -64.7 | -99.9 | 257.6 | 30.4 | 29.0 | 6.5 | 374.3 | 374.9 | 99.9 | 99.9 | 61.4 | 76. |
| 51.1 | 138.3 | 16452.0 | 100.0 | -70.2 | -99.9 | 255.1 | 26.7 | 20.0 | 5.3 | 392.1 | 392.9 | 99.9 | 99.9 | 68.1 | 76. |
| 56.0 | 146.7 | 18159.6 | 75.0 | -70.7 | -99.9 | 218.2 | 13.3 | 8.2 | 10.4 | 424.1 | 424.9 | 99.9 | 99.9 | 71.2 | 76. |
| 63.3 | 156.0 | 20625.9 | 50.0 | -55.5 | -99.9 | 217.1 | 8.3 | 5.0 | 6.6 | 503.3 | 503.9 | 99.9 | 99.9 | 74.1 | 75. |
| 75.3 | 166.3 | 25666.0 | 25.0 | -51.2 | -99.9 | 70.2 | 5.4 | -5.1 | -1.8 | 638.0 | 638.9 | 99.9 | 99.9 | 72.9 | 74. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE 11
OF POOR QUALITY

STATION NO. 265
 MIDLAND, TEX

 24 APRIL 1975
 515 GMT

| TIME MIN | CATCT | HEIGHT GPH | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 11.3 | 872.0 | 510.9 | 18.3 | 8.8 | 185.0 | 4.6 | 0.4 | 4.6 | 300.4 | 321.9 | 7.9 | 54.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 12.2 | 977.8 | 925.0 | 24.3 | 16.0 | 99.9 | 99.9 | 99.9 | 99.9 | 308.3 | 343.5 | 12.9 | 60.0 | 99.9 | 99.9 |
| 1.2 | 14.2 | 1224.4 | 875.0 | 28.6 | 14.7 | 99.9 | 99.9 | 99.9 | 99.9 | 309.0 | 342.5 | 12.1 | 60.8 | 99.9 | 99.9 |
| 2.2 | 16.2 | 1476.6 | 850.0 | 21.0 | 14.7 | 99.9 | 99.9 | 99.9 | 99.9 | 309.0 | 342.5 | 12.1 | 60.8 | 99.9 | 99.9 |
| 3.0 | 18.3 | 1734.9 | 825.0 | 19.1 | 12.2 | 99.9 | 99.9 | 99.9 | 99.9 | 310.3 | 340.9 | 10.9 | 67.3 | 99.9 | 99.9 |
| 4.0 | 20.4 | 1995.3 | 800.0 | 17.9 | 3.4 | 230.1 | 5.1 | 3.9 | 3.3 | 311.1 | 329.6 | 6.5 | 64.1 | 99.9 | 99.9 |
| 5.9 | 22.5 | 2265.7 | 775.0 | 15.9 | -6.6 | 250.7 | 4.5 | 4.3 | 1.5 | 311.4 | 320.5 | 3.0 | 20.6 | 2.3 | 30. |
| 5.9 | 24.8 | 2546.6 | 750.0 | 13.5 | -7.6 | 248.7 | 5.1 | 4.7 | 1.9 | 311.6 | 320.4 | 2.9 | 22.2 | 2.4 | 34. |
| 6.7 | 27.0 | 2831.0 | 725.0 | 12.4 | -5.5 | 234.3 | 10.1 | 8.2 | 5.9 | 313.5 | 324.1 | 3.5 | 28.1 | 2.4 | 36. |
| 7.7 | 29.4 | 3124.5 | 700.0 | 11.0 | -10.0 | 231.5 | 14.4 | 11.3 | 9.0 | 315.0 | 322.9 | 2.6 | 21.9 | 3.5 | 41. |
| 8.7 | 31.7 | 3426.3 | 675.0 | 8.5 | -12.0 | 231.7 | 16.2 | 12.7 | 10.1 | 315.5 | 322.5 | 2.3 | 22.0 | 4.5 | 43. |
| 9.7 | 34.4 | 3736.7 | 650.0 | 5.8 | -14.2 | 235.9 | 17.4 | 14.4 | 9.8 | 315.8 | 322.0 | 2.0 | 22.1 | 5.5 | 45. |
| 10.7 | 36.7 | 4055.7 | 625.0 | 2.6 | -16.4 | 243.3 | 18.1 | 16.2 | 8.1 | 315.7 | 321.1 | 1.7 | 22.9 | 6.5 | 47. |
| 11.9 | 39.4 | 4394.1 | 600.0 | -0.2 | -18.2 | 253.5 | 19.3 | 18.5 | 5.5 | 316.1 | 321.0 | 1.5 | 24.2 | 7.8 | 51. |
| 13.1 | 41.7 | 4722.9 | 575.0 | -2.9 | -20.4 | 253.4 | 21.3 | 20.7 | 5.9 | 317.3 | 320.9 | 1.3 | 24.3 | 9.1 | 51. |
| 14.3 | 44.7 | 5073.3 | 550.0 | -5.8 | -22.9 | 255.4 | 23.3 | 22.5 | 5.9 | 317.3 | 320.9 | 1.1 | 24.4 | 10.7 | 57. |
| 15.5 | 47.6 | 5435.5 | 525.0 | -9.3 | -25.2 | 259.1 | 22.5 | 22.1 | 4.3 | 317.3 | 320.4 | 0.9 | 26.1 | 12.3 | 60. |
| 16.8 | 50.4 | 5818.5 | 500.0 | -12.1 | -28.7 | 264.2 | 22.1 | 22.0 | 2.2 | 318.3 | 320.7 | 0.7 | 23.4 | 13.9 | 63. |
| 19.0 | 53.3 | 6201.9 | 475.0 | -13.6 | -32.5 | 265.8 | 22.6 | 22.6 | 1.6 | 321.1 | 322.9 | 0.5 | 18.5 | 15.4 | 65. |
| 19.3 | 56.3 | 6610.5 | 450.0 | -16.8 | -35.0 | 268.1 | 22.7 | 22.6 | 0.7 | 322.2 | 323.7 | 0.4 | 18.7 | 17.2 | 67. |
| 20.9 | 59.6 | 7037.3 | 425.0 | -20.1 | -37.7 | 268.8 | 23.6 | 21.6 | 0.5 | 323.2 | 324.4 | 0.3 | 18.9 | 19.2 | 70. |
| 22.4 | 63.0 | 7463.0 | 400.0 | -24.1 | -41.0 | 265.6 | 24.8 | 21.6 | 0.5 | 323.6 | 324.6 | 0.3 | 19.2 | 21.3 | 72. |
| 24.2 | 66.3 | 7950.7 | 375.0 | -27.6 | -43.9 | 262.3 | 28.7 | 28.5 | 3.9 | 325.0 | 325.7 | 0.2 | 19.4 | 24.1 | 73. |
| 25.0 | 70.0 | 8442.8 | 350.0 | -31.6 | -47.1 | 260.0 | 31.3 | 30.8 | 5.4 | 326.1 | 326.7 | 0.2 | 19.7 | 27.1 | 74. |
| 27.9 | 73.7 | 8963.0 | 325.0 | -35.7 | -50.5 | 260.1 | 30.5 | 30.0 | 5.2 | 327.4 | 327.8 | 0.1 | 20.0 | 30.5 | 75. |
| 29.7 | 77.8 | 9514.1 | 300.0 | -40.4 | -59.9 | 258.0 | 33.3 | 32.6 | 6.9 | 328.4 | 329.9 | 99.9 | 99.9 | 34.2 | 75. |
| 31.8 | 82.0 | 10100.5 | 275.0 | -45.3 | -69.9 | 258.6 | 34.7 | 34.0 | 6.9 | 329.6 | 330.9 | 99.9 | 99.9 | 38.6 | 75. |
| 34.3 | 86.4 | 10728.9 | 250.0 | -50.6 | -79.9 | 254.9 | 35.7 | 35.5 | 3.5 | 330.6 | 331.9 | 99.9 | 99.9 | 43.8 | 76. |
| 36.3 | 91.2 | 11408.7 | 225.0 | -54.9 | -89.9 | 254.9 | 35.8 | 35.7 | 3.1 | 334.3 | 334.3 | 99.9 | 99.9 | 49.3 | 77. |
| 39.5 | 96.2 | 12155.1 | 200.0 | -59.3 | -99.9 | 256.5 | 36.3 | 35.3 | 8.5 | 338.3 | 338.3 | 99.9 | 99.9 | 54.8 | 77. |
| 42.6 | 101.9 | 12987.3 | 175.0 | -63.2 | -99.9 | 257.3 | 42.8 | 42.8 | 2.0 | 350.6 | 350.6 | 99.9 | 99.9 | 62.5 | 78. |
| 46.2 | 106.3 | 13951.0 | 150.0 | -65.8 | -99.9 | 254.9 | 29.9 | 28.8 | 7.8 | 367.2 | 367.2 | 99.9 | 99.9 | 69.8 | 79. |
| 50.4 | 115.1 | 15078.5 | 125.0 | -64.0 | -99.9 | 259.9 | 38.3 | 36.0 | 13.1 | 379.2 | 379.2 | 99.9 | 99.9 | 78.0 | 78. |
| 55.5 | 123.7 | 16437.1 | 100.0 | -67.5 | -99.9 | 259.8 | 26.5 | 24.9 | 0.1 | 397.4 | 397.4 | 99.9 | 99.9 | 87.3 | 78. |
| 61.2 | 133.0 | 18164.1 | 75.0 | -67.8 | -99.9 | 253.1 | 14.6 | 14.0 | 4.2 | 430.7 | 430.7 | 99.9 | 99.9 | 92.9 | 76. |
| 70.7 | 143.3 | 20658.6 | 50.0 | -60.7 | -99.9 | 237.1 | 4.9 | 4.1 | 2.7 | 500.5 | 500.5 | 99.9 | 99.9 | 56.6 | 76. |
| 86.3 | 154.5 | 25128.3 | 25.0 | -50.4 | -99.9 | 31.1 | 4.3 | -1.2 | -1.9 | 639.9 | 639.9 | 99.9 | 99.9 | 97.0 | 76. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

 ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 304
MATTERAS, NC24 APRIL 1975
515 GMT

112 168. 0

| TIME MIN | CATCT | HEIGHT GPM | PRES MB | TEMP DG C | CEM PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCMP M/SEC | POT T DG K | E POT T DG K | MX FTD GM/KG | FM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 3.9 | 4.0 | 1025.0 | 19.4 | 13.6 | 220.0 | 5.7 | 3.7 | 4.4 | 291.8 | 316.7 | 9.6 | 69.0 | 0.0 | 0. |
| 0.8 | 5.8 | 216.8 | 1000.0 | 19.2 | 10.3 | 231.4 | 27.5 | 21.5 | 17.2 | 293.4 | 316.4 | 7.9 | 56.4 | 0.7 | 36. |
| 1.5 | 8.3 | 433.9 | 975.0 | 17.2 | 8.7 | 228.2 | 15.3 | 11.4 | 10.2 | 293.5 | 316.8 | 7.3 | 57.1 | 1.6 | 47. |
| 2.2 | 10.3 | 655.2 | 950.0 | 15.1 | 6.6 | 227.3 | 15.7 | 11.5 | 10.7 | 293.5 | 316.8 | 7.4 | 64.9 | 2.1 | 47. |
| 2.9 | 12.5 | 890.7 | 925.0 | 13.2 | 4.7 | 228.1 | 26.4 | 19.6 | 17.6 | 293.8 | 316.1 | 7.7 | 74.2 | 3.1 | 47. |
| 3.6 | 14.8 | 1110.6 | 900.0 | 11.1 | 7.0 | 229.2 | 16.5 | 14.0 | 12.1 | 293.9 | 316.6 | 7.0 | 75.9 | 4.1 | 47. |
| 4.3 | 17.0 | 1345.2 | 875.0 | 9.1 | 5.0 | 176.0 | 19.4 | -1.4 | 15.3 | 294.0 | 316.9 | 6.3 | 75.8 | 4.9 | 48. |
| 5.1 | 19.5 | 1585.1 | 850.0 | 7.2 | 4.0 | 144.8 | 20.7 | -11.9 | 16.9 | 294.4 | 310.7 | 6.0 | 60.4 | 5.1 | 30. |
| 5.9 | 21.8 | 1830.5 | 825.0 | 6.3 | -2.5 | 217.4 | 15.2 | 9.3 | 12.1 | 295.7 | 306.5 | 3.9 | 53.4 | 5.9 | 30. |
| 6.7 | 24.1 | 2083.0 | 800.0 | 6.0 | -7.3 | 228.8 | 12.6 | 9.5 | 8.3 | 297.9 | 305.9 | 2.8 | 37.8 | 6.4 | 32. |
| 7.5 | 26.7 | 2342.1 | 775.0 | 4.2 | -10.2 | 242.5 | 10.3 | 9.1 | 4.7 | 298.6 | 305.2 | 2.3 | 34.2 | 7.0 | 34. |
| 8.4 | 29.2 | 2607.9 | 750.0 | 2.5 | -8.3 | 250.0 | 9.3 | 8.8 | 3.2 | 299.6 | 307.6 | 2.7 | 44.8 | 7.4 | 36. |
| 9.2 | 31.5 | 2881.6 | 725.0 | 1.9 | -18.6 | 256.0 | 9.3 | 9.0 | 2.2 | 301.7 | 305.5 | 1.2 | 20.5 | 7.7 | 38. |
| 10.1 | 34.6 | 3163.9 | 700.0 | 0.5 | -15.4 | 261.3 | 10.2 | 10.1 | 1.5 | 303.3 | 308.2 | 1.6 | 28.9 | 8.1 | 40. |
| 10.9 | 37.1 | 3454.4 | 675.0 | -1.8 | -15.9 | 265.0 | 11.4 | 11.4 | 1.0 | 303.8 | 308.8 | 1.6 | 33.2 | 8.5 | 43. |
| 11.7 | 40.0 | 3753.4 | 650.0 | -4.1 | -13.4 | 271.3 | 12.2 | 11.2 | -0.3 | 304.6 | 310.9 | 2.1 | 48.3 | 8.9 | 45. |
| 12.6 | 42.6 | 4031.8 | 625.0 | -5.6 | -15.6 | 282.9 | 12.3 | 12.0 | -2.7 | 306.2 | 310.3 | 1.3 | 32.8 | 9.3 | 46. |
| 13.7 | 45.6 | 4381.2 | 600.0 | -7.2 | -26.0 | 283.6 | 12.9 | 12.5 | -3.0 | 307.8 | 310.3 | 0.8 | 20.5 | 9.7 | 52. |
| 14.6 | 48.5 | 4712.2 | 575.0 | -8.5 | -26.9 | 278.5 | 12.8 | 12.6 | -1.9 | 310.1 | 312.6 | 0.8 | 22.3 | 10.3 | 55. |
| 15.7 | 51.4 | 5055.8 | 550.0 | -10.1 | -13.0 | 287.4 | 16.5 | 15.6 | -3.0 | 312.5 | 320.4 | 2.6 | 80.0 | 10.9 | 54. |
| 16.8 | 54.6 | 5414.6 | 525.0 | -11.1 | -12.5 | 298.7 | 19.9 | 17.4 | -9.5 | 315.4 | 324.0 | 2.8 | 89.3 | 11.6 | 63. |
| 17.9 | 57.6 | 5788.2 | 500.0 | -13.4 | -15.3 | 301.7 | 20.1 | 17.1 | -10.6 | 316.9 | 345.2 | 2.3 | 85.6 | 12.4 | 69. |
| 19.0 | 60.9 | 6176.9 | 475.0 | -16.0 | -18.2 | 300.1 | 20.9 | 18.1 | -10.5 | 318.4 | 324.5 | 1.9 | 83.2 | 13.2 | 73. |
| 20.2 | 64.4 | 6588.2 | 450.0 | -18.8 | -21.4 | 298.7 | 20.1 | 17.6 | -9.7 | 319.7 | 328.7 | 1.5 | 90.0 | 14.4 | 78. |
| 21.5 | 67.7 | 7006.3 | 425.0 | -21.4 | -26.0 | 288.5 | 20.4 | 19.4 | -8.5 | 321.7 | 325.3 | 1.1 | 66.1 | 15.7 | 81. |
| 22.7 | 71.0 | 7450.6 | 400.0 | -24.6 | -30.4 | 280.9 | 21.1 | 20.7 | -6.0 | 323.1 | 345.7 | 0.8 | 58.0 | 17.0 | 83. |
| 24.1 | 74.7 | 7917.1 | 375.0 | -28.4 | -34.3 | 275.1 | 19.9 | 19.8 | -1.8 | 324.0 | 325.9 | 0.6 | 56.9 | 18.7 | 85. |
| 25.5 | 78.7 | 8407.8 | 350.0 | -32.3 | -38.2 | 275.9 | 20.1 | 20.0 | -2.1 | 325.1 | 326.5 | 0.4 | 55.6 | 20.3 | 85. |
| 26.8 | 82.5 | 8827.5 | 325.0 | -37.1 | -41.3 | 278.2 | 19.6 | 19.4 | -2.8 | 326.2 | 99.9 | 99.9 | 99.9 | 21.7 | 91. |
| 28.4 | 86.7 | 9473.3 | 300.0 | -42.0 | 99.9 | 278.3 | 20.8 | 20.6 | -3.0 | 326.2 | 99.9 | 99.9 | 99.9 | 24.1 | 97. |
| 29.9 | 91.2 | 10055.8 | 275.0 | -46.9 | 99.9 | 282.3 | 20.0 | 19.5 | -4.2 | 327.2 | 99.9 | 99.9 | 99.9 | 25.4 | 98. |
| 31.5 | 95.3 | 10681.0 | 250.0 | -51.3 | 99.9 | 283.0 | 20.9 | 20.1 | -6.9 | 327.8 | 99.9 | 99.9 | 99.9 | 28.1 | 8. |
| 33.3 | 100.9 | 11357.9 | 225.0 | -56.3 | 99.9 | 285.5 | 25.8 | 25.9 | -18.7 | 334.2 | 99.9 | 99.9 | 99.9 | 31.0 | 71. |
| 35.0 | 106.3 | 12054.8 | 200.0 | -62.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 334.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 36.8 | 112.3 | 12909.7 | 175.0 | -65.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 341.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 39.3 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 45.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 49.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* EV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* EV TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

METEOROLOGICAL

STATION NO. 311
ATHENS, GA24 APRIL 1975
600 GMT

| TIME MIN | CNTCT | HEIGHT GEM | PRES MB | TEMP DG C | DRY PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT V DG K | E PUT V DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 6.9 | 246.0 | 992.6 | 17.7 | 14.4 | 160.0 | 4.6 | -1.6 | 4.3 | 292.9 | 320.1 | 10.5 | 81.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 6.6 | 353.3 | 975.0 | 17.2 | 13.5 | 190.4 | 13.6 | 2.5 | 13.4 | 293.8 | 320.1 | 10.1 | 79.2 | 0.3 | 347. |
| 1.4 | 10.9 | 621.0 | 950.0 | 16.0 | 11.5 | 191.6 | 17.2 | 3.5 | 16.8 | 294.6 | 318.5 | 9.1 | 74.8 | 1.0 | 1. |
| 2.1 | 13.3 | 647.9 | 925.0 | 15.7 | 9.2 | 202.3 | 17.5 | 6.7 | 16.2 | 296.5 | 317.7 | 7.9 | 65.0 | 1.9 | 9. |
| 2.9 | 15.6 | 1086.6 | 900.0 | 14.9 | 8.6 | 211.3 | 15.1 | 7.6 | 12.9 | 297.9 | 317.1 | 7.6 | 66.0 | 2.5 | 14. |
| 3.7 | 18.9 | 1318.4 | 875.0 | 12.9 | 6.8 | 219.5 | 13.9 | 8.9 | 10.7 | 298.2 | 317.6 | 7.1 | 66.4 | 3.2 | 19. |
| 4.6 | 20.5 | 1561.4 | 850.0 | 10.7 | 6.6 | 221.5 | 14.4 | 9.6 | 10.8 | 298.3 | 317.1 | 7.3 | 75.9 | 3.8 | 23. |
| 5.4 | 23.0 | 1809.6 | 825.0 | 8.2 | 5.9 | 225.3 | 15.4 | 11.0 | 10.8 | 298.2 | 317.5 | 7.1 | 85.2 | 4.6 | 26. |
| 6.3 | 25.5 | 2063.5 | 800.0 | 7.0 | -7.0 | 233.9 | 13.2 | 10.7 | 7.8 | 299.1 | 308.3 | 3.2 | 41.5 | 5.1 | 25. |
| 7.3 | 28.1 | 2324.2 | 775.0 | 6.6 | -5.5 | 246.1 | 10.0 | 9.2 | -0.5 | 304.1 | 310.9 | 3.3 | 42.0 | 5.9 | 32. |
| 9.2 | 30.9 | 2593.5 | 750.0 | 6.2 | 2.1 | 273.2 | 9.3 | 9.3 | -2.6 | 304.8 | 321.1 | 6.0 | 75.0 | 6.2 | 36. |
| 10.1 | 36.1 | 3156.1 | 700.0 | 3.2 | 1.3 | 288.6 | 12.7 | 12.1 | -4.1 | 306.8 | 324.1 | 6.1 | 86.0 | 6.8 | 40. |
| 11.2 | 35.3 | 3450.4 | 675.0 | 2.6 | -7.0 | 293.2 | 11.1 | 10.2 | -2.2 | 309.0 | 319.0 | 3.4 | 49.1 | 7.2 | 52. |
| 12.2 | 41.8 | 3754.4 | 650.0 | -0.4 | -2.2 | 296.2 | 10.1 | 9.6 | -3.3 | 310.5 | 322.8 | 4.2 | 79.7 | 8.0 | 60. |
| 13.3 | 44.9 | 4067.4 | 625.0 | -3.2 | -5.2 | 287.1 | 11.1 | 10.6 | -3.9 | 312.3 | 322.5 | 3.4 | 69.2 | 8.5 | 64. |
| 14.4 | 47.9 | 4391.7 | 600.0 | -3.6 | -8.4 | 286.5 | 12.2 | 11.6 | -5.1 | 313.6 | 322.6 | 2.9 | 67.9 | 9.1 | 64. |
| 15.5 | 50.7 | 4726.9 | 575.0 | -5.6 | -10.7 | 293.4 | 12.8 | 11.8 | -5.5 | 314.7 | 321.6 | 2.3 | 60.9 | 9.7 | 72. |
| 16.7 | 53.9 | 5073.8 | 550.0 | -6.1 | -14.3 | 295.0 | 12.9 | 11.7 | -5.5 | 314.6 | 321.3 | 2.4 | 79.4 | 10.4 | 75. |
| 17.9 | 56.3 | 5433.2 | 525.0 | -11.5 | -14.4 | 292.9 | 13.1 | 12.1 | -3.6 | 316.3 | 321.3 | 1.5 | 58.7 | 11.2 | 78. |
| 19.0 | 60.3 | 5805.9 | 500.0 | -13.8 | -20.2 | 286.8 | 12.6 | 12.0 | -3.6 | 319.2 | 322.2 | 0.9 | 36.3 | 12.0 | 80. |
| 20.3 | 63.7 | 6194.5 | 475.0 | -15.2 | -26.8 | 286.0 | 13.1 | 12.6 | -3.6 | 320.4 | 322.3 | 0.5 | 27.2 | 13.0 | 84. |
| 21.7 | 67.0 | 6600.9 | 450.0 | -18.2 | -32.4 | 284.5 | 14.6 | 14.1 | -3.7 | 322.4 | 322.5 | 0.0 | 2.0 | 14.4 | 84. |
| 23.0 | 70.6 | 7025.7 | 425.0 | -20.7 | -37.9 | 283.4 | 20.1 | 19.0 | -4.7 | 322.4 | 322.5 | 0.0 | 2.3 | 16.3 | 84. |
| 24.6 | 74.3 | 7471.1 | 400.0 | -23.9 | -38.8 | 280.3 | 21.4 | 21.0 | -3.8 | 323.8 | 323.9 | 0.0 | 2.7 | 18.3 | 84. |
| 26.2 | 78.2 | 7935.1 | 375.0 | -27.3 | -40.1 | 280.9 | 24.9 | 24.4 | -4.7 | 325.4 | 325.5 | 0.0 | 3.2 | 20.4 | 84. |
| 27.9 | 82.0 | 8431.7 | 350.0 | -31.5 | -41.9 | 281.3 | 25.5 | 25.0 | -5.9 | 326.1 | 326.2 | 0.0 | 3.2 | 22.4 | 84. |
| 29.6 | 86.0 | 8951.5 | 325.0 | -35.5 | -43.9 | 285.7 | 26.4 | 25.4 | -7.2 | 327.7 | 327.8 | 0.0 | 3.2 | 23.5 | 91. |
| 31.5 | 90.4 | 9503.3 | 300.0 | -40.4 | -49.9 | 282.1 | 28.7 | 28.1 | -6.0 | 328.4 | 328.4 | 99.9 | 99.9 | 26.6 | 93. |
| 33.5 | 95.0 | 10093.6 | 275.0 | -45.5 | -59.9 | 287.9 | 26.9 | 25.6 | -8.3 | 329.3 | 329.3 | 99.9 | 99.9 | 25.9 | 94. |
| 35.8 | 99.8 | 10719.2 | 250.0 | -49.9 | -60.1 | 280.9 | 26.7 | 24.9 | -9.6 | 331.2 | 331.2 | 99.9 | 99.9 | 33.4 | 96. |
| 38.2 | 104.8 | 11401.0 | 225.0 | -54.6 | -61.9 | 283.9 | 33.8 | 30.9 | -13.7 | 334.2 | 334.2 | 99.9 | 99.9 | 37.4 | 97. |
| 40.7 | 110.2 | 12143.9 | 200.0 | -59.9 | -69.9 | 285.6 | 41.2 | 37.2 | -17.8 | 338.0 | 338.0 | 99.9 | 99.9 | 42.8 | 100. |
| 43.4 | 115.8 | 12973.5 | 175.0 | -62.3 | -79.9 | 289.9 | 32.7 | 30.7 | -11.1 | 347.2 | 347.2 | 99.9 | 99.9 | 48.6 | 102. |
| 46.9 | 122.3 | 13924.9 | 150.0 | -61.7 | -79.9 | 287.6 | 31.6 | 30.1 | -9.5 | 363.9 | 363.9 | 99.9 | 99.9 | 56.1 | 102. |
| 50.6 | 129.3 | 15053.8 | 125.0 | -61.8 | -79.9 | 282.1 | 28.1 | 27.4 | -5.9 | 383.0 | 383.0 | 99.9 | 99.9 | 62.8 | 103. |
| 54.8 | 137.3 | 16423.0 | 100.0 | -65.8 | -79.9 | 259.0 | 10.6 | 10.4 | 2.0 | 400.7 | 400.7 | 99.9 | 99.9 | 68.0 | 102. |
| 58.4 | 144.7 | 18144.3 | 75.0 | -68.0 | -79.9 | 306.6 | 9.2 | 7.4 | -5.5 | 430.3 | 430.3 | 99.9 | 99.9 | 70.9 | 102. |
| 67.7 | 153.3 | 20624.1 | 50.0 | -62.0 | -79.9 | 315.8 | 6.5 | 4.5 | -4.7 | 457.4 | 457.4 | 99.9 | 99.9 | 74.3 | 103. |
| 81.1 | 162.7 | 25022.8 | 25.0 | -52.5 | -79.9 | 290.7 | 4.4 | 4.2 | -1.6 | 634.3 | 634.3 | 99.9 | 99.9 | 75.9 | 104. |

* P1 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* P2 TIME MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED

** 8° SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 317
GREENSBORO, NC

24 APRIL 1975
515 GMT

163 190 0

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.4 | 275.0 | 989.6 | 18.9 | 13.3 | 200.0 | 7.2 | 2.5 | 6.8 | 298.2 | 319.9 | 9.8 | 70.0 | 0.0 | C. |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 99.9 |
| 0.5 | 8.7 | 402.5 | 975.0 | 17.4 | 10.6 | 210.1 | 13.7 | 6.9 | 11.9 | 293.8 | 315.7 | 8.3 | 64.3 | 0.4 | 25. |
| 1.0 | 11.0 | 623.7 | 950.0 | 15.4 | 10.5 | 211.5 | 15.2 | 7.9 | 13.0 | 294.0 | 316.0 | 8.4 | 72.2 | 0.5 | 30. |
| 2.0 | 13.5 | 845.5 | 925.0 | 13.3 | 10.4 | 217.0 | 18.8 | 11.3 | 15.0 | 295.0 | 316.8 | 8.6 | 82.7 | 1.9 | 32. |
| 2.9 | 15.9 | 1080.2 | 900.0 | 12.7 | 10.1 | 226.4 | 22.6 | 16.4 | 15.6 | 295.8 | 318.9 | 8.7 | 84.3 | 2.9 | 35. |
| 3.4 | 18.3 | 1316.8 | 875.0 | 11.0 | 10.1 | 236.4 | 18.4 | 15.3 | 10.2 | 296.4 | 320.2 | 8.9 | 94.3 | 3.7 | 36. |
| 4.6 | 20.8 | 1556.7 | 850.0 | 9.8 | 9.4 | 243.8 | 18.6 | 16.7 | 6.2 | 297.5 | 321.1 | 8.8 | 97.9 | 4.7 | 44. |
| 5.5 | 23.4 | 1806.7 | 825.0 | 8.3 | 7.8 | 249.9 | 19.3 | 18.1 | 6.6 | 298.4 | 320.3 | 8.1 | 96.4 | 5.7 | 48. |
| 6.5 | 26.0 | 2160.9 | 800.0 | 7.1 | 6.3 | 257.5 | 19.8 | 19.3 | 4.3 | 299.7 | 320.2 | 7.5 | 95.2 | 6.7 | 52. |
| 7.5 | 28.9 | 2322.1 | 775.0 | 5.9 | 4.9 | 269.5 | 19.2 | 19.2 | 0.2 | 301.0 | 320.3 | 7.0 | 92.8 | 7.9 | 57. |
| 8.5 | 31.6 | 2593.6 | 750.0 | 4.6 | 3.3 | 285.1 | 18.5 | 17.9 | -4.8 | 302.4 | 320.5 | 6.5 | 91.0 | 8.7 | 62. |
| 9.6 | 34.5 | 2866.5 | 725.0 | 2.7 | 1.7 | 301.3 | 17.7 | 15.1 | -9.2 | 303.2 | 320.1 | 6.0 | 93.3 | 9.4 | 67. |
| 10.5 | 37.2 | 3150.0 | 700.0 | 0.7 | -0.1 | 307.9 | 15.5 | 12.3 | -5.5 | 303.9 | 319.4 | 5.4 | 94.4 | 10.1 | 72. |
| 11.8 | 40.2 | 3441.8 | 675.0 | -0.9 | -2.1 | 299.5 | 14.8 | 12.8 | -7.3 | 305.3 | 319.2 | 4.9 | 91.4 | 10.8 | 77. |
| 12.4 | 42.9 | 3742.3 | 650.0 | -3.2 | -3.8 | 298.7 | 16.2 | 14.2 | -7.7 | 305.9 | 318.8 | 4.5 | 95.5 | 11.4 | 80. |
| 13.9 | 46.0 | 4051.9 | 625.0 | -3.9 | -3.5 | 306.5 | 16.9 | 13.0 | -10.8 | 308.4 | 317.3 | 3.0 | 64.7 | 12.2 | 83. |
| 15.0 | 49.3 | 4373.7 | 600.0 | -5.4 | -15.3 | 319.5 | 16.7 | 9.5 | -11.2 | 310.1 | 316.1 | 1.9 | 45.5 | 12.9 | 87. |
| 16.2 | 52.1 | 4707.4 | 575.0 | -5.9 | -23.5 | 318.3 | 12.4 | 8.8 | -8.6 | 313.1 | 316.4 | 1.0 | 23.4 | 13.5 | 90. |
| 17.4 | 55.4 | 5057.5 | 550.0 | -6.7 | -28.3 | 318.7 | 13.7 | 9.0 | -10.3 | 313.8 | 316.5 | 0.8 | 22.5 | 14.1 | 93. |
| 18.6 | 58.6 | 5412.0 | 525.0 | -11.9 | -22.6 | 312.4 | 15.4 | 11.4 | -10.4 | 314.3 | 316.1 | 1.2 | 40.4 | 15.0 | 96. |
| 20.0 | 62.1 | 5783.7 | 500.0 | -14.4 | -17.7 | 293.5 | 16.5 | 15.1 | -6.6 | 315.7 | 321.6 | 1.9 | 75.6 | 16.1 | 98. |
| 21.5 | 65.6 | 6171.1 | 475.0 | -17.1 | -19.8 | 277.0 | 17.7 | 17.6 | -2.2 | 317.0 | 322.3 | 1.7 | 79.0 | 17.6 | 98. |
| 23.0 | 69.1 | 6575.1 | 450.0 | -19.5 | -23.4 | 269.3 | 18.4 | 18.4 | 0.2 | 318.8 | 323.0 | 1.3 | 70.3 | 18.3 | 98. |
| 24.6 | 72.7 | 6967.7 | 425.0 | -22.6 | -27.8 | 266.3 | 19.5 | 19.4 | 1.3 | 320.0 | 323.1 | 0.9 | 62.3 | 21.0 | 97. |
| 26.1 | 76.6 | 7439.6 | 400.0 | -26.2 | -28.6 | 265.1 | 22.2 | 22.1 | 1.9 | 320.9 | 324.0 | 0.9 | 60.6 | 22.8 | 97. |
| 27.4 | 80.4 | 7803.0 | 375.0 | -30.0 | -34.7 | 267.1 | 22.0 | 22.0 | 1.1 | 321.9 | 323.8 | 0.5 | 63.3 | 25.0 | 95. |
| 29.5 | 84.5 | 8230.6 | 350.0 | -33.4 | -39.3 | 285.7 | 24.3 | 23.4 | -6.6 | 323.7 | 323.8 | 0.0 | 5.4 | 27.4 | 95. |
| 31.6 | 88.6 | 8906.4 | 325.0 | -37.7 | -62.0 | 289.0 | 27.2 | 25.7 | -8.8 | 326.6 | 324.7 | 0.0 | 5.4 | 30.6 | 97. |
| 33.7 | 93.2 | 9453.3 | 300.0 | -46.2 | -59.9 | 282.0 | 27.9 | 27.3 | -5.8 | 325.3 | 324.9 | 99.9 | 999.9 | 33.6 | 98. |
| 35.7 | 97.8 | 10037.5 | 275.0 | -46.2 | 59.9 | 265.8 | 33.1 | 31.4 | -9.0 | 328.3 | 324.9 | 99.9 | 999.9 | 37.4 | 98. |
| 37.9 | 102.9 | 10664.3 | 250.0 | -51.3 | 99.9 | 288.3 | 34.5 | 32.8 | -10.8 | 324.8 | 324.9 | 99.9 | 999.9 | 41.4 | 98. |
| 40.4 | 108.2 | 11339.0 | 225.0 | -57.2 | 99.9 | 291.7 | 37.5 | 36.9 | -13.9 | 330.9 | 324.9 | 99.9 | 999.9 | 47.0 | 100. |
| 43.4 | 113.8 | 12076.0 | 200.0 | -62.2 | 99.9 | 296.5 | 31.0 | 27.8 | -13.9 | 334.3 | 324.9 | 99.9 | 999.9 | 53.4 | 102. |
| 46.5 | 119.8 | 12894.2 | 175.0 | -64.4 | 99.9 | 293.6 | 41.3 | 37.9 | -16.5 | 343.7 | 324.9 | 99.9 | 999.9 | 60.1 | 103. |
| 50.3 | 126.1 | 13856.3 | 150.0 | -58.3 | 99.9 | 293.8 | 36.3 | 33.2 | -14.7 | 349.6 | 324.9 | 99.9 | 999.9 | 68.8 | 108. |
| 54.6 | 133.8 | 15000.7 | 125.0 | -60.1 | 99.9 | 292.5 | 41.3 | 36.2 | -15.8 | 360.3 | 324.9 | 99.9 | 999.9 | 76.2 | 108. |
| 59.4 | 141.3 | 16368.1 | 100.0 | -66.1 | 99.9 | 283.4 | 22.7 | 22.1 | -5.3 | 400.1 | 324.9 | 99.9 | 999.9 | 84.4 | 106. |
| 65.3 | 149.3 | 18104.9 | 75.0 | -66.9 | 99.9 | 280.9 | 6.8 | 6.0 | -1.3 | 432.6 | 324.9 | 99.9 | 999.9 | 99.4 | 107. |
| 73.9 | 158.0 | 20601.6 | 50.0 | -59.6 | 99.9 | 59.4 | 5.8 | -5.0 | -3.0 | 503.0 | 324.9 | 99.9 | 999.9 | 93.0 | 107. |
| 87.0 | 167.0 | 25011.0 | 25.0 | -52.6 | 99.9 | 111.8 | 6.5 | -7.9 | 3.2 | 633.5 | 324.9 | 99.9 | 999.9 | 91.1 | 100. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DFG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 327
NASHVILLE, TENN

24 APRIL 1975
515 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SLC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.4 | 180.0 | 995.0 | 20.6 | 14.9 | 120.0 | 6.2 | 0.0 | 6.2 | 295.6 | 324.1 | 10.8 | 70.0 | 0.3 | 0. |
| 0.9 | 99.9 | 59.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 7.0 | 356.2 | 975.0 | 20.7 | 14.7 | 158.7 | 19.4 | 6.2 | 18.4 | 297.4 | 326.3 | 10.9 | 68.8 | 0.5 | 11. |
| 1.4 | 5.4 | 580.8 | 950.0 | 19.3 | 14.9 | 203.1 | 21.1 | 8.3 | 19.4 | 298.3 | 328.2 | 11.3 | 75.8 | 1.4 | 17. |
| 2.2 | 11.6 | 809.9 | 925.0 | 17.2 | 14.7 | 216.4 | 23.3 | 12.3 | 21.0 | 299.5 | 329.0 | 11.5 | 85.3 | 2.4 | 21. |
| 3.1 | 12.0 | 1043.7 | 900.0 | 15.7 | 15.0 | 222.6 | 23.3 | 15.7 | 17.1 | 299.3 | 331.2 | 12.0 | 95.6 | 3.4 | 26. |
| 4.0 | 16.3 | 1263.2 | 875.0 | 14.3 | 13.5 | 230.5 | 24.8 | 19.2 | 15.8 | 300.2 | 330.3 | 11.2 | 94.9 | 5.1 | 32. |
| 5.0 | 18.9 | 1528.3 | 850.0 | 12.9 | 10.3 | 237.4 | 23.7 | 20.0 | 12.8 | 300.9 | 327.3 | 9.7 | 88.1 | 6.4 | 34. |
| 5.9 | 21.2 | 1778.7 | 825.0 | 10.3 | 9.6 | 243.6 | 22.3 | 19.6 | 10.6 | 300.7 | 325.6 | 9.2 | 95.2 | 7.5 | 40. |
| 6.9 | 23.9 | 2034.5 | 800.0 | 8.1 | 7.9 | 248.8 | 21.1 | 19.1 | 12.7 | 300.9 | 323.7 | 8.4 | 98.1 | 8.9 | 43. |
| 7.8 | 26.3 | 2296.7 | 775.0 | 8.5 | -3.8 | 242.7 | 21.5 | 19.1 | 9.4 | 303.5 | 314.5 | 3.8 | 42.4 | 10.1 | 46. |
| 8.8 | 29.1 | 2567.1 | 750.0 | 7.1 | -11.0 | 237.6 | 21.1 | 17.8 | 11.3 | 304.6 | 311.2 | 2.2 | 26.2 | 11.3 | 47. |
| 9.3 | 31.9 | 2845.1 | 725.0 | 5.9 | -20.9 | 236.0 | 20.9 | 17.3 | 11.7 | 306.1 | 309.5 | 1.1 | 13.8 | 12.7 | 49. |
| 10.9 | 34.9 | 3131.5 | 700.0 | 4.5 | -21.9 | 237.7 | 19.5 | 16.5 | 10.4 | 307.5 | 315.5 | 1.9 | 12.8 | 13.7 | 49. |
| 12.0 | 37.5 | 3427.1 | 675.0 | 3.2 | -13.9 | 240.6 | 17.9 | 15.6 | 8.8 | 309.5 | 315.5 | 1.3 | 27.2 | 15.0 | 50. |
| 13.1 | 40.4 | 3731.7 | 650.0 | 1.2 | -18.9 | 243.8 | 18.2 | 16.4 | 8.1 | 310.5 | 314.7 | 1.3 | 20.5 | 16.3 | 51. |
| 14.3 | 43.4 | 4066.0 | 625.0 | -0.9 | -10.9 | 248.3 | 15.0 | 13.5 | 6.5 | 311.7 | 319.6 | 2.7 | 46.5 | 17.3 | 52. |
| 15.5 | 46.5 | 4371.2 | 600.0 | -2.2 | -40.6 | 258.6 | 16.4 | 16.1 | 3.2 | 313.5 | 313.9 | 0.1 | 2.2 | 18.6 | 53. |
| 16.8 | 49.9 | 4707.0 | 575.0 | -5.3 | -40.5 | 272.7 | 16.4 | 16.4 | -0.8 | 313.7 | 314.4 | 0.2 | 4.3 | 19.5 | 53. |
| 18.1 | 52.9 | 5023.8 | 550.0 | -8.5 | -35.0 | 271.9 | 19.8 | 19.8 | -0.7 | 314.0 | 315.2 | 3.4 | 9.7 | 20.6 | 57. |
| 19.2 | 56.0 | 5412.2 | 525.0 | -11.7 | -32.4 | 268.9 | 21.6 | 21.6 | 0.0 | 314.3 | 316.0 | 0.5 | 15.9 | 21.9 | 54. |
| 20.6 | 58.6 | 5783.3 | 500.0 | -15.3 | -26.3 | 270.7 | 23.1 | 23.1 | -0.3 | 314.5 | 317.5 | 0.9 | 41.0 | 23.3 | 54. |
| 21.8 | 61.0 | 6168.4 | 475.0 | -18.4 | -19.9 | 268.6 | 28.5 | 28.5 | 0.7 | 315.4 | 320.6 | 1.7 | 87.6 | 25.0 | 64. |
| 23.0 | 64.6 | 6569.5 | 450.0 | -21.9 | -34.3 | 269.0 | 28.8 | 28.8 | 0.5 | 315.7 | 317.9 | 0.7 | 45.9 | 27.1 | 64. |
| 24.4 | 70.3 | 6999.2 | 425.0 | -23.6 | -48.4 | 275.5 | 25.2 | 25.1 | -2.4 | 318.7 | 319.3 | 0.2 | 12.6 | 28.1 | 67. |
| 26.1 | 74.1 | 7430.6 | 400.0 | -26.0 | -43.5 | 273.5 | 31.1 | 31.0 | -1.9 | 321.2 | 321.7 | 0.2 | 13.9 | 31.5 | 70. |
| 27.8 | 78.2 | 7894.9 | 375.0 | -29.0 | -47.8 | 283.2 | 24.3 | 23.6 | -5.5 | 323.2 | 321.7 | 0.1 | 14.2 | 34.1 | 72. |
| 29.7 | 82.2 | 8384.7 | 350.0 | -32.4 | -50.4 | 278.5 | 29.6 | 29.5 | -2.3 | 325.0 | 325.4 | 0.1 | 14.4 | 37.1 | 74. |
| 31.1 | 86.4 | 8904.3 | 325.0 | -35.6 | -52.9 | 276.8 | 30.4 | 30.2 | -3.6 | 327.0 | 327.9 | 0.1 | 14.9 | 40.1 | 74. |
| 33.5 | 91.0 | 9455.8 | 300.0 | -40.4 | -52.9 | 277.0 | 32.5 | 32.3 | -4.0 | 328.5 | 329.9 | 99.9 | 99.9 | 43.9 | 78. |
| 35.3 | 95.7 | 10043.2 | 275.0 | -45.1 | 99.9 | 282.7 | 28.3 | 27.6 | -6.2 | 329.9 | 329.9 | 99.9 | 99.9 | 46.8 | 79. |
| 36.0 | 100.7 | 10571.6 | 250.0 | -50.8 | 99.9 | 231.7 | 34.7 | 32.0 | -6.6 | 332.6 | 329.9 | 99.9 | 99.9 | 51.3 | 81. |
| 40.6 | 106.0 | 11344.3 | 225.0 | -56.7 | 99.9 | 282.4 | 28.6 | 28.0 | -6.1 | 331.7 | 329.9 | 99.9 | 99.9 | 55.7 | 83. |
| 43.6 | 111.8 | 12087.4 | 200.0 | -60.9 | 99.9 | 288.2 | 25.6 | 24.3 | -8.0 | 336.3 | 329.9 | 99.9 | 99.9 | 60.5 | 85. |
| 46.5 | 117.6 | 12908.5 | 175.0 | -65.1 | 99.9 | 295.9 | 30.6 | 29.7 | -4.0 | 342.5 | 329.9 | 99.9 | 99.9 | 65.8 | 86. |
| 50.3 | 124.3 | 13858.3 | 150.0 | -59.9 | 99.9 | 272.8 | 30.3 | 30.3 | -1.5 | 347.0 | 329.9 | 99.9 | 99.9 | 74.9 | 87. |
| 54.3 | 131.0 | 15002.6 | 125.0 | -60.0 | 99.9 | 272.9 | 25.2 | 25.2 | 0.9 | 366.4 | 329.9 | 99.9 | 99.9 | 83.3 | 89. |
| 59.9 | 138.3 | 16379.0 | 100.0 | -66.1 | 99.9 | 252.7 | 18.0 | 15.2 | 4.7 | 400.1 | 329.9 | 99.9 | 99.9 | 90.2 | 89. |
| 64.3 | 145.3 | 18107.0 | 75.0 | -67.9 | 99.9 | 282.6 | 10.7 | 10.4 | -2.3 | 430.7 | 329.9 | 99.9 | 99.9 | 95.1 | 89. |
| 75.3 | 152.7 | 20605.0 | 50.0 | -59.7 | 99.9 | 227.2 | 0.6 | 0.5 | 0.4 | 502.9 | 329.9 | 99.9 | 99.9 | 98.8 | 89. |
| 89.9 | 160.9 | 25035.8 | 25.0 | -51.9 | 99.9 | 331.7 | 2.5 | 1.2 | -2.2 | 636.4 | 329.9 | 99.9 | 99.9 | 98.7 | 89. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY FEW MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE
OF POOR QUALITY

STATION NO. 340

LITTLE ROCK, ARK

24 APRIL 1975

515 GMT

165 14. 0

| TIME MIN | CNTCT | WEIGHT GEM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.4 | 103.4 | 1003.4 | 20.6 | 16.8 | 180.0 | 2.6 | 0.0 | 2.6 | 295.1 | 326.7 | 12.1 | 79.0 | 0.0 | 0 |
| 0.1 | 5.6 | 103.5 | 1000.0 | 20.6 | 17.4 | 190.4 | 1.6 | 1.6 | 8.2 | 295.5 | 323.4 | 12.6 | 81.6 | 0.1 | 5 |
| 0.8 | 7.9 | 327.9 | 975.0 | 20.0 | 18.3 | 194.6 | 3.6 | 3.6 | 13.9 | 297.1 | 333.2 | 13.8 | 90.1 | 0.5 | 11 |
| 1.6 | 10.2 | 522.7 | 950.0 | 19.7 | 17.8 | 203.4 | 7.9 | 7.9 | 18.3 | 299.0 | 335.1 | 13.7 | 89.1 | 1.2 | 14 |
| 2.2 | 12.3 | 782.3 | 925.0 | 17.6 | 15.6 | 208.8 | 10.1 | 10.1 | 18.4 | 299.6 | 331.2 | 12.2 | 87.7 | 2.1 | 20 |
| 3.0 | 14.6 | 1016.7 | 900.0 | 16.1 | 13.5 | 211.9 | 12.1 | 12.1 | 19.4 | 299.6 | 329.8 | 10.9 | 84.5 | 3.0 | 23 |
| 3.6 | 14.8 | 1256.4 | 875.0 | 15.0 | 11.5 | 214.7 | 11.7 | 11.7 | 16.9 | 300.7 | 327.2 | 9.8 | 79.4 | 3.9 | 24 |
| 4.5 | 14.3 | 1502.0 | 850.0 | 13.5 | 11.1 | 220.3 | 11.0 | 11.0 | 15.4 | 301.6 | 328.2 | 9.8 | 85.6 | 4.0 | 28 |
| 5.3 | 21.5 | 1753.5 | 825.0 | 12.5 | 9.6 | 224.2 | 14.5 | 14.5 | 14.9 | 303.0 | 324.1 | 9.2 | 83.0 | 6.7 | 37 |
| 6.3 | 24.4 | 2011.5 | 800.0 | 11.2 | 8.4 | 231.3 | 17.2 | 17.2 | 13.8 | 304.1 | 323.2 | 7.6 | 72.5 | 7.2 | 37 |
| 7.3 | 26.4 | 2276.8 | 775.0 | 10.3 | 6.3 | 230.3 | 18.7 | 18.7 | 15.5 | 305.8 | 324.8 | 6.7 | 66.0 | 9.5 | 34 |
| 8.2 | 29.0 | 2545.1 | 750.0 | 8.4 | 1.4 | 228.4 | 18.7 | 18.7 | 16.6 | 306.4 | 322.6 | 5.7 | 61.3 | 6.4 | 34 |
| 9.1 | 31.7 | 2822.3 | 725.0 | 8.3 | -6.6 | 223.7 | 26.9 | 18.6 | 19.4 | 307.0 | 318.6 | 3.2 | 34.4 | 11.1 | 39 |
| 9.9 | 34.4 | 3118.3 | 700.0 | 7.0 | -15.1 | 218.3 | 27.1 | 16.8 | 21.3 | 310.4 | 315.7 | 1.7 | 19.0 | 12.6 | 39 |
| 10.9 | 37.3 | 3416.3 | 675.0 | 5.7 | -11.3 | 221.8 | 27.8 | 18.5 | 20.7 | 312.3 | 319.7 | 2.4 | 29.1 | 14.1 | 39 |
| 11.8 | 39.9 | 3724.4 | 650.0 | 4.2 | -8.2 | 223.2 | 24.8 | 19.9 | 14.9 | 314.2 | 325.3 | 3.7 | 46.5 | 15.7 | 40 |
| 12.9 | 42.5 | 4042.4 | 625.0 | 1.9 | -7.0 | 244.8 | 20.9 | 18.9 | 8.9 | 315.1 | 326.0 | 3.6 | 51.6 | 17.0 | 40 |
| 13.9 | 45.4 | 4370.7 | 600.0 | -0.9 | -3.9 | 248.7 | 21.0 | 19.6 | 7.6 | 315.7 | 330.1 | 4.8 | 60.3 | 18.2 | 47 |
| 15.1 | 48.5 | 4708.8 | 575.0 | -6.1 | -7.9 | 251.4 | 22.9 | 21.7 | 7.3 | 315.6 | 326.8 | 3.7 | 74.9 | 17.6 | 49 |
| 16.4 | 51.5 | 5058.1 | 550.0 | -6.8 | -13.9 | 254.4 | 24.4 | 23.5 | 6.6 | 316.3 | 323.8 | 2.4 | 56.9 | 21.2 | 48 |
| 17.6 | 54.7 | 5418.7 | 525.0 | -9.4 | -24.0 | 256.8 | 23.8 | 23.2 | 5.4 | 317.3 | 320.7 | 1.0 | 29.3 | 22.7 | 50 |
| 18.9 | 57.8 | 5798.3 | 500.0 | -13.1 | -24.0 | 255.1 | 20.4 | 25.5 | 6.8 | 317.2 | 320.8 | 1.1 | 39.1 | 24.5 | 52 |
| 20.4 | 61.1 | 6182.4 | 475.0 | -16.8 | -27.8 | 251.4 | 26.1 | 24.8 | 8.2 | 317.3 | 320.4 | 0.9 | 43.4 | 24.7 | 54 |
| 21.7 | 64.9 | 6597.9 | 450.0 | -18.0 | -61.4 | 251.4 | 20.6 | 19.6 | 6.6 | 320.5 | 320.6 | 0.0 | 1.0 | 28.4 | 55 |
| 23.1 | 68.2 | 7012.1 | 425.0 | -21.4 | -63.5 | 253.7 | 21.7 | 20.8 | 6.1 | 321.5 | 321.6 | 0.0 | 1.0 | 30.4 | 56 |
| 24.6 | 71.4 | 7455.4 | 400.0 | -25.5 | -63.3 | 253.4 | 22.5 | 22.5 | 2.6 | 321.8 | 321.3 | 0.0 | 1.5 | 32.1 | 57 |
| 26.1 | 75.8 | 7920.0 | 375.0 | -29.0 | -63.4 | 252.6 | 20.3 | 20.3 | -0.9 | 323.2 | 323.3 | 0.0 | 2.0 | 33.9 | 58 |
| 28.0 | 80.1 | 8430.7 | 350.0 | -32.3 | -64.1 | 251.4 | 30.9 | 30.6 | 4.4 | 325.1 | 325.1 | 0.0 | 2.5 | 36.5 | 61 |
| 30.2 | 84.0 | 8923.1 | 325.0 | -35.7 | -65.2 | 252.4 | 21.8 | 21.8 | 0.1 | 327.3 | 327.4 | 0.0 | 3.1 | 38.6 | 63 |
| 32.5 | 88.4 | 9470.1 | 300.0 | -40.5 | -69.9 | 252.4 | 24.4 | 24.2 | 3.2 | 328.3 | 327.9 | 9.9 | 95.9 | 41.6 | 65 |
| 34.9 | 92.2 | 10045.5 | 275.0 | -44.1 | -69.9 | 273.3 | 19.2 | 19.1 | -1.1 | 328.5 | 327.9 | 9.9 | 95.9 | 45.0 | 67 |
| 37.4 | 98.2 | 10692.3 | 250.0 | -51.3 | -69.9 | 267.4 | 25.5 | 25.4 | 1.1 | 329.7 | 329.9 | 9.9 | 95.9 | 48.6 | 69 |
| 40.4 | 103.4 | 11371.4 | 225.0 | -55.6 | -69.9 | 262.3 | 33.4 | 33.1 | 4.4 | 333.3 | 329.9 | 9.9 | 95.9 | 54.4 | 70 |
| 43.2 | 105.3 | 12112.2 | 200.0 | -61.1 | -69.9 | 263.8 | 34.1 | 33.9 | 3.7 | 336.0 | 329.9 | 9.9 | 95.9 | 61.0 | 71 |
| 46.0 | 115.4 | 12936.7 | 175.0 | -61.7 | -69.9 | 260.8 | 34.9 | 34.5 | 5.6 | 348.1 | 329.9 | 9.9 | 95.9 | 68.6 | 72 |
| 51.0 | 122.3 | 13890.1 | 150.0 | -61.5 | -69.9 | 267.7 | 33.5 | 33.5 | 1.3 | 364.1 | 329.9 | 9.9 | 95.9 | 75.6 | 73 |
| 55.7 | 125.7 | 15017.4 | 125.0 | -62.9 | -69.9 | 264.5 | 29.7 | 29.6 | 2.9 | 381.2 | 329.9 | 9.9 | 95.9 | 87.0 | 74 |
| 61.0 | 127.8 | 16375.6 | 100.0 | -68.6 | -69.9 | 261.9 | 25.2 | 25.2 | 3.6 | 395.1 | 329.9 | 9.9 | 95.9 | 94.9 | 75 |
| 67.7 | 146.0 | 18099.7 | 75.0 | -68.2 | -69.9 | 239.3 | 18.3 | 15.7 | 5.3 | 434.2 | 329.9 | 9.9 | 95.9 | 102.4 | 76 |
| 76.9 | 155.3 | 20582.7 | 50.0 | -61.7 | -69.9 | 80.1 | 1.8 | -1.8 | -0.3 | 458.3 | 329.9 | 9.9 | 95.9 | 105.1 | 78 |
| 91.3 | 165.0 | 24927.8 | 25.0 | -54.7 | -69.9 | 252.9 | 4.0 | 3.9 | 1.2 | 627.5 | 329.9 | 9.9 | 95.9 | 107.0 | 76 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 349
MONETTE, MO24 APRIL 1975
600 GMT

157 19.0

| TIME MIN | CATCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MAX RTD GM/AC | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|-------------|----------|
| 0.0 | 8.4 | 438.0 | 958.3 | 20.6 | 17.0 | 190.0 | 7.7 | 1.3 | 7.6 | 249.1 | 333.2 | 12.9 | 80.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.2 | 9.1 | 513.5 | 950.0 | 20.8 | 17.9 | 197.3 | 13.4 | 4.0 | 12.8 | 300.2 | 336.6 | 13.7 | 83.2 | 0.4 | 1.7 |
| 1.1 | 11.1 | 744.4 | 925.0 | 15.3 | 17.7 | 157.4 | 15.9 | 4.8 | 15.2 | 340.9 | 338.0 | 14.0 | 90.4 | 1.0 | 1.7 |
| 2.3 | 13.5 | 980.2 | 900.0 | 17.2 | 16.8 | 207.9 | 21.7 | 10.2 | 19.2 | 301.0 | 337.0 | 13.5 | 97.4 | 2.3 | 2.6 |
| 3.2 | 15.7 | 1221.0 | 975.0 | 15.8 | 15.5 | 220.5 | 23.8 | 15.4 | 19.1 | 301.9 | 336.3 | 12.8 | 98.2 | 3.5 | 2.8 |
| 4.3 | 18.0 | 1467.6 | 850.0 | 14.7 | 14.4 | 229.4 | 26.6 | 20.4 | 17.2 | 303.2 | 336.3 | 12.3 | 98.1 | 5.1 | 3.7 |
| 5.3 | 20.4 | 1720.8 | 825.0 | 13.6 | 13.3 | 235.9 | 22.7 | 18.8 | 12.7 | 304.6 | 336.6 | 11.8 | 97.9 | 6.6 | 3.7 |
| 6.6 | 22.9 | 1580.0 | 800.0 | 11.6 | 11.2 | 240.7 | 21.7 | 18.9 | 10.6 | 304.9 | 333.9 | 10.6 | 97.6 | 8.1 | 4.1 |
| 7.9 | 25.3 | 2245.7 | 775.0 | 10.1 | 8.9 | 238.9 | 22.1 | 18.9 | 11.4 | 303.9 | 331.6 | 9.3 | 92.0 | 9.5 | 4.4 |
| 8.7 | 27.8 | 2518.2 | 750.0 | 8.4 | 7.0 | 240.5 | 19.9 | 16.3 | 9.6 | 305.8 | 330.3 | 8.4 | 90.8 | 10.7 | 4.4 |
| 9.6 | 30.4 | 2757.9 | 725.0 | 5.8 | 2.5 | 242.9 | 16.3 | 16.3 | 8.6 | 305.6 | 324.6 | 6.4 | 79.6 | 11.7 | 4.7 |
| 10.5 | 33.1 | 3384.5 | 700.0 | 4.0 | -0.5 | 245.0 | 14.1 | 16.4 | 7.6 | 307.5 | 322.8 | 5.3 | 72.8 | 12.7 | 4.8 |
| 11.6 | 35.7 | 3380.2 | 675.0 | 2.5 | -0.3 | 247.6 | 15.6 | 14.4 | 5.9 | 307.2 | 325.2 | 5.6 | 81.5 | 13.7 | 5.0 |
| 12.8 | 38.6 | 3694.6 | 650.0 | 0.5 | -6.3 | 248.2 | 18.0 | 17.4 | 6.7 | 310.0 | 321.0 | 3.7 | 60.5 | 14.8 | 5.1 |
| 13.8 | 41.1 | 3994.9 | 625.0 | -0.0 | -29.4 | 255.4 | 18.0 | 17.4 | 4.5 | 312.5 | 314.3 | 0.5 | 8.8 | 15.9 | 5.3 |
| 15.0 | 44.1 | 4324.0 | 600.0 | -3.2 | -30.5 | 247.9 | 20.4 | 18.9 | 7.7 | 312.5 | 314.2 | 0.5 | 9.3 | 17.1 | 5.4 |
| 16.2 | 47.1 | 4656.3 | 575.0 | -5.0 | -36.9 | 241.7 | 20.7 | 18.2 | 9.8 | 314.1 | 315.1 | 0.3 | 6.1 | 18.6 | 5.6 |
| 17.5 | 50.2 | 5006.7 | 550.0 | -7.8 | -43.7 | 243.5 | 21.6 | 19.4 | 9.7 | 314.9 | 315.4 | 0.1 | 3.7 | 20.1 | 5.6 |
| 19.0 | 53.1 | 5366.7 | 525.0 | -10.2 | -47.9 | 244.6 | 20.7 | 18.2 | 8.9 | 315.1 | 316.5 | 0.1 | 2.8 | 22.2 | 5.7 |
| 20.5 | 56.1 | 5741.2 | 500.0 | -11.9 | -52.4 | 244.1 | 20.2 | 18.2 | 8.8 | 314.4 | 314.7 | 0.1 | 1.9 | 23.9 | 5.7 |
| 22.0 | 59.6 | 6131.0 | 475.0 | -15.3 | -47.4 | 239.3 | 21.2 | 18.2 | 10.8 | 316.9 | 319.3 | 0.1 | 4.5 | 25.7 | 5.7 |
| 23.4 | 63.0 | 6536.1 | 450.0 | -18.8 | -46.1 | 236.6 | 20.9 | 17.4 | 11.5 | 319.5 | 320.0 | 0.1 | 6.9 | 27.6 | 5.7 |
| 25.1 | 66.4 | 6959.0 | 425.0 | -22.2 | -48.3 | 238.0 | 21.6 | 18.3 | 11.4 | 320.4 | 320.8 | 0.1 | 7.2 | 29.8 | 5.7 |
| 26.8 | 70.1 | 7400.8 | 400.0 | -26.4 | -49.2 | 241.4 | 20.4 | 18.4 | 5.3 | 320.6 | 321.0 | 0.1 | 9.5 | 31.8 | 5.7 |
| 28.7 | 73.7 | 7813.6 | 375.0 | -30.1 | -52.1 | 247.8 | 22.3 | 20.6 | 8.4 | 321.7 | 322.0 | 0.1 | 9.6 | 34.4 | 5.7 |
| 30.7 | 77.8 | 8351.3 | 350.0 | -33.3 | -54.2 | 249.1 | 30.2 | 28.6 | 10.8 | 323.7 | 324.0 | 0.1 | 10.1 | 37.4 | 5.7 |
| 34.8 | 81.8 | 8867.6 | 325.0 | -36.9 | -58.3 | 248.5 | 30.9 | 28.7 | 12.8 | 325.7 | 325.8 | 0.0 | 8.9 | 41.3 | 5.7 |
| 37.2 | 86.0 | 9416.6 | 300.0 | -41.1 | 99.9 | 248.5 | 30.9 | 28.7 | 11.3 | 327.5 | 99.9 | 99.9 | 99.9 | 45.1 | 6.0 |
| 39.7 | 90.7 | 10002.3 | 275.0 | -45.6 | 99.9 | 249.5 | 30.0 | 28.1 | 10.5 | 325.1 | 99.9 | 99.9 | 99.9 | 48.5 | 6.1 |
| 42.6 | 95.7 | 10630.2 | 250.0 | -50.8 | 99.9 | 256.3 | 29.7 | 28.8 | 7.1 | 330.6 | 99.9 | 99.9 | 99.9 | 54.1 | 6.2 |
| 45.4 | 100.7 | 11308.7 | 225.0 | -55.7 | 99.9 | 257.6 | 32.8 | 32.0 | 7.0 | 333.1 | 99.9 | 99.9 | 99.9 | 58.7 | 6.3 |
| 48.3 | 106.5 | 12055.4 | 200.0 | -57.8 | 99.9 | 274.5 | 30.3 | 30.3 | -2.4 | 341.3 | 99.9 | 99.9 | 99.9 | 64.4 | 6.4 |
| 50.3 | 112.5 | 12886.7 | 175.0 | -63.4 | 99.9 | 265.1 | 28.0 | 27.9 | 2.4 | 345.3 | 99.9 | 99.9 | 99.9 | 69.0 | 6.5 |
| 51.5 | 118.0 | 13332.6 | 150.0 | -62.1 | 99.9 | 252.5 | 35.3 | 33.7 | 10.6 | 363.2 | 99.9 | 99.9 | 99.9 | 74.1 | 6.6 |
| 55.0 | 126.7 | 14965.3 | 125.0 | -61.3 | 99.9 | 261.9 | 46.3 | 46.3 | 6.6 | 408.0 | 99.9 | 99.9 | 99.9 | 85.1 | 6.9 |
| 60.9 | 135.0 | 16349.7 | 100.0 | -63.0 | 99.9 | 249.5 | 40.1 | 37.5 | 14.0 | 420.0 | 99.9 | 99.9 | 99.9 | 94.5 | 7.0 |
| 67.2 | 143.3 | 18100.0 | 75.0 | -60.8 | 99.9 | 246.4 | 12.6 | 11.5 | 5.0 | 443.4 | 99.9 | 99.9 | 99.9 | 101.2 | 7.1 |
| 73.6 | 152.5 | 20070.4 | 50.0 | -58.4 | 99.9 | 239.7 | 9.1 | 7.8 | 4.6 | 508.8 | 99.9 | 99.9 | 99.9 | 104.4 | 7.1 |
| 89.1 | 182.0 | 25020.7 | 25.0 | -54.1 | 99.9 | 88.6 | 5.1 | -3.8 | -3.4 | 62.1 | 99.9 | 99.9 | 99.9 | 107.8 | 7.1 |

ORIGINAL PAGE
OF POOR QUALITY* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS

STATION NO. 363
AMARILLO, TEX24 APRIL 1975
515 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | CEM PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 13.9 | 1095.0 | 683.7 | 15.0 | -2.4 | 250.0 | 5.1 | 4.6 | 1.7 | 295.0 | 309.3 | 3.6 | 30.0 | 0.0 | 0.0 |
| 00.0 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 14.6 | 1180.0 | 875.0 | 20.6 | -4.4 | 278.1 | 13.2 | 13.0 | -1.9 | 305.6 | 315.0 | 3.2 | 18.2 | 0.4 | 0.4 |
| 1.1 | 16.6 | 1431.4 | 850.0 | 22.7 | -5.4 | 277.2 | 14.0 | 15.8 | -1.9 | 310.4 | 319.4 | 3.0 | 14.7 | 0.8 | 0.8 |
| 1.9 | 18.9 | 1689.8 | 825.0 | 21.1 | -6.9 | 271.0 | 15.8 | 15.8 | -0.3 | 311.2 | 319.6 | 2.8 | 14.6 | 1.6 | 0.8 |
| 2.8 | 20.9 | 1954.4 | 800.0 | 18.9 | -8.0 | 260.5 | 16.4 | 16.4 | 1.0 | 311.6 | 319.6 | 2.6 | 15.3 | 2.4 | 0.8 |
| 3.6 | 4.2 | 2225.2 | 775.0 | 16.3 | -8.3 | 260.2 | 15.2 | 15.2 | 2.6 | 311.7 | 319.4 | 2.6 | 17.7 | 3.2 | 0.8 |
| 4.5 | 25.5 | 2532.5 | 750.0 | 13.7 | -9.8 | 254.7 | 15.1 | 15.6 | 4.0 | 311.7 | 319.4 | 2.4 | 18.5 | 4.0 | 0.8 |
| 5.4 | 27.7 | 2786.0 | 725.0 | 10.8 | -11.0 | 252.0 | 16.0 | 15.2 | 5.0 | 311.6 | 318.6 | 2.3 | 20.3 | 4.8 | 0.8 |
| 6.2 | 20.1 | 3076.7 | 700.0 | 7.9 | -12.2 | 248.3 | 16.3 | 15.1 | 6.0 | 311.5 | 318.1 | 2.1 | 22.6 | 5.6 | 0.8 |
| 7.3 | 22.7 | 3374.7 | 675.0 | 4.9 | -13.4 | 239.8 | 17.3 | 12.7 | 7.4 | 311.4 | 317.6 | 2.0 | 25.0 | 6.5 | 0.8 |
| 8.5 | 35.3 | 3681.5 | 650.0 | 3.0 | -15.6 | 246.4 | 17.3 | 15.9 | 6.9 | 312.6 | 318.0 | 1.7 | 23.9 | 7.6 | 0.8 |
| 9.4 | 37.6 | 3957.4 | 625.0 | 0.2 | -17.8 | 252.5 | 18.1 | 17.2 | 5.4 | 312.8 | 317.6 | 1.5 | 24.3 | 8.6 | 0.8 |
| 10.4 | 40.3 | 4322.2 | 600.0 | -3.0 | -19.9 | 258.4 | 18.3 | 15.7 | 4.4 | 312.8 | 317.0 | 1.3 | 25.7 | 9.6 | 0.8 |
| 11.6 | 42.9 | 4657.7 | 575.0 | -6.2 | -21.8 | 254.3 | 15.7 | 15.1 | 4.2 | 312.9 | 316.6 | 1.2 | 27.6 | 10.7 | 0.8 |
| 12.6 | 45.8 | 5003.9 | 550.0 | -8.4 | -18.7 | 250.3 | 15.4 | 15.5 | 5.2 | 314.2 | 319.3 | 1.6 | 43.4 | 11.7 | 0.8 |
| 13.8 | 48.8 | 5343.5 | 525.0 | -10.5 | -22.2 | 253.3 | 15.7 | 15.0 | 4.5 | 316.0 | 319.9 | 1.2 | 37.3 | 12.8 | 0.8 |
| 15.0 | 51.5 | 5737.8 | 500.0 | -12.4 | -24.9 | 256.8 | 17.3 | 17.1 | 3.1 | 317.9 | 320.3 | 0.7 | 23.7 | 14.0 | 0.8 |
| 16.4 | 54.6 | 6128.6 | 475.0 | -13.7 | -30.5 | 265.1 | 21.2 | 21.2 | 1.8 | 320.9 | 322.2 | 0.3 | 12.5 | 15.6 | 0.8 |
| 17.6 | 57.6 | 6536.9 | 450.0 | -17.2 | -38.1 | 264.5 | 24.7 | 24.5 | 2.4 | 321.7 | 322.8 | 0.3 | 14.2 | 17.2 | 0.8 |
| 19.2 | 61.7 | 6962.1 | 425.0 | -21.0 | -35.7 | 264.3 | 26.6 | 26.4 | 2.6 | 322.1 | 323.5 | 0.4 | 25.1 | 19.7 | 0.8 |
| 20.6 | 64.4 | 7407.2 | 400.0 | -24.5 | -36.1 | 262.0 | 25.1 | 25.8 | 3.5 | 323.2 | 324.7 | 0.4 | 32.9 | 21.8 | 0.8 |
| 22.1 | 67.9 | 7873.6 | 375.0 | -28.3 | -40.3 | 261.7 | 27.8 | 27.5 | 4.0 | 324.1 | 325.2 | 0.3 | 30.3 | 24.3 | 0.8 |
| 23.9 | 71.5 | 8364.1 | 350.0 | -32.9 | -43.6 | 260.3 | 31.9 | 31.4 | 5.4 | 324.4 | 325.2 | 0.2 | 33.0 | 27.4 | 0.8 |
| 25.6 | 75.3 | 8880.9 | 325.0 | -37.3 | -47.1 | 263.4 | 30.4 | 30.2 | 3.5 | 325.2 | 325.8 | 0.2 | 35.0 | 30.5 | 0.8 |
| 27.5 | 79.7 | 9428.3 | 300.0 | -42.2 | -50.9 | 265.6 | 30.0 | 30.0 | 2.3 | 325.9 | 326.9 | 0.9 | 99.9 | 34.0 | 0.8 |
| 29.5 | 83.9 | 10012.0 | 275.0 | -45.9 | -54.9 | 264.7 | 29.4 | 29.3 | 2.7 | 326.2 | 326.9 | 99.9 | 99.9 | 37.5 | 0.8 |
| 31.8 | 88.3 | 10638.8 | 250.0 | -51.6 | -59.9 | 266.0 | 34.4 | 34.3 | 2.4 | 326.3 | 326.9 | 99.9 | 99.9 | 41.6 | 0.8 |
| 34.0 | 93.4 | 11316.1 | 225.0 | -55.7 | -64.9 | 265.6 | 30.0 | 29.9 | 2.3 | 333.1 | 333.1 | 99.9 | 99.9 | 47.1 | 0.8 |
| 36.4 | 98.6 | 12063.0 | 200.0 | -59.7 | -69.9 | 263.2 | 38.7 | 38.4 | 4.6 | 336.3 | 336.3 | 99.9 | 99.9 | 51.3 | 0.8 |
| 39.0 | 104.3 | 12844.0 | 175.0 | -61.1 | -74.9 | 264.4 | 29.4 | 29.3 | 2.6 | 336.2 | 336.2 | 99.9 | 99.9 | 56.2 | 0.8 |
| 42.2 | 111.0 | 13657.3 | 150.0 | -57.7 | -79.9 | 254.6 | 31.2 | 30.0 | 4.3 | 370.7 | 370.7 | 99.9 | 99.9 | 63.1 | 0.8 |
| 45.6 | 118.3 | 15044.1 | 125.0 | -59.9 | -84.9 | 247.8 | 31.2 | 28.9 | 11.8 | 388.6 | 388.6 | 99.9 | 99.9 | 70.1 | 0.8 |
| 5.1 | 127.0 | 16389.0 | 100.0 | -59.5 | -89.9 | 250.8 | 25.3 | 23.9 | 8.3 | 412.8 | 412.8 | 99.9 | 99.9 | 77.5 | 0.8 |
| 54.9 | 137.0 | 18161.6 | 75.0 | -67.1 | -94.9 | 265.7 | 11.8 | 11.8 | 0.9 | 432.3 | 432.3 | 99.9 | 99.9 | 84.8 | 0.8 |
| 62.5 | 148.0 | 20622.9 | 50.0 | -59.3 | -99.9 | 251.9 | 17.4 | 16.5 | 5.4 | 503.8 | 503.8 | 99.9 | 99.9 | 87.4 | 0.8 |
| 70.7 | 156.7 | 25131.2 | 25.0 | -49.7 | -99.9 | 307.6 | 5.7 | 4.5 | -3.5 | 642.1 | 642.1 | 99.9 | 99.9 | 90.8 | 0.8 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 402
WALLOPS ISLAND, VA24 APRIL 1975
515 GMT

| TIME MIN | CNTCT | HEIGHT GEM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT Y DG K | MR RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.5 | 4.0 | 1010.6 | 13.3 | 10.5 | 999.9 | 99.9 | 99.9 | 99.9 | 285.9 | 306.0 | 7.8 | 83.0 | 999.9 | 999.9 |
| 0.6 | 5.3 | 169.5 | 1000.0 | 17.2 | 11.7 | 999.9 | 99.9 | 99.9 | 99.9 | 291.6 | 310.6 | 8.8 | 71.0 | 999.9 | 999.9 |
| 1.2 | 7.9 | 395.9 | 975.0 | 16.7 | 10.5 | 999.9 | 99.9 | 99.9 | 99.9 | 293.1 | 314.7 | 8.2 | 66.5 | 999.9 | 999.9 |
| 1.9 | 9.6 | 607.3 | 950.0 | 16.5 | 9.7 | 999.9 | 99.9 | 99.9 | 99.9 | 295.0 | 316.3 | 8.0 | 64.2 | 999.9 | 999.9 |
| 2.7 | 11.6 | 834.8 | 925.0 | 16.5 | 8.5 | 999.9 | 99.9 | 99.9 | 99.9 | 297.2 | 317.7 | 7.6 | 59.9 | 999.9 | 999.9 |
| 3.4 | 13.3 | 1067.6 | 900.0 | 14.8 | 6.9 | 999.9 | 99.9 | 99.9 | 99.9 | 297.7 | 316.6 | 7.0 | 59.4 | 999.9 | 999.9 |
| 4.2 | 15.3 | 1305.4 | 875.0 | 13.1 | 5.0 | 999.9 | 99.9 | 99.9 | 99.9 | 298.3 | 315.4 | 6.3 | 57.7 | 999.9 | 999.9 |
| 5.0 | 17.2 | 1588.6 | 850.0 | 11.5 | 3.9 | 999.9 | 99.9 | 99.9 | 99.9 | 299.0 | 315.4 | 6.0 | 59.4 | 999.9 | 999.9 |
| 5.4 | 20.2 | 1797.6 | 825.0 | 9.6 | 2.5 | 999.9 | 99.9 | 99.9 | 99.9 | 299.5 | 314.9 | 5.6 | 61.1 | 999.9 | 999.9 |
| 6.5 | 22.3 | 2022.4 | 800.0 | 7.6 | 0.3 | 999.9 | 99.9 | 99.9 | 99.9 | 299.9 | 313.7 | 4.9 | 59.7 | 999.9 | 999.9 |
| 7.4 | 24.6 | 2213.4 | 775.0 | 5.8 | -2.7 | 999.9 | 99.9 | 99.9 | 99.9 | 300.5 | 312.1 | 4.1 | 54.5 | 999.9 | 999.9 |
| 8.1 | 26.7 | 2361.1 | 750.0 | 4.2 | -5.5 | 999.9 | 99.9 | 99.9 | 99.9 | 301.5 | 311.3 | 3.4 | 49.2 | 999.9 | 999.9 |
| 9.0 | 29.2 | 2555.7 | 725.0 | 1.6 | -7.2 | 999.9 | 99.9 | 99.9 | 99.9 | 301.6 | 310.5 | 3.1 | 51.7 | 999.9 | 999.9 |
| 9.8 | 31.7 | 3137.4 | 700.0 | -1.0 | -8.1 | 999.9 | 99.9 | 99.9 | 99.9 | 301.7 | 310.4 | 3.0 | 58.6 | 999.9 | 999.9 |
| 10.7 | 34.2 | 3426.5 | 675.0 | -3.5 | -10.3 | 999.9 | 99.9 | 99.9 | 99.9 | 302.0 | 310.2 | 2.8 | 64.0 | 999.9 | 999.9 |
| 11.7 | 36.7 | 3722.5 | 650.0 | -6.0 | -10.3 | 999.9 | 99.9 | 99.9 | 99.9 | 302.4 | 310.3 | 2.7 | 71.9 | 999.9 | 999.9 |
| 12.6 | 39.3 | 4023.3 | 625.0 | -8.9 | -11.3 | 999.9 | 99.9 | 99.9 | 99.9 | 302.6 | 310.2 | 2.6 | 82.2 | 999.9 | 999.9 |
| 13.7 | 41.9 | 4364.1 | 600.0 | -11.3 | -11.5 | 999.9 | 99.9 | 99.9 | 99.9 | 303.3 | 311.1 | 2.6 | 98.5 | 999.9 | 999.9 |
| 14.7 | 44.7 | 4655.6 | 575.0 | -13.4 | -13.7 | 999.9 | 99.9 | 99.9 | 99.9 | 304.5 | 311.4 | 2.3 | 98.1 | 999.9 | 999.9 |
| 15.7 | 47.6 | 5009.6 | 550.0 | -11.3 | -11.5 | 999.9 | 99.9 | 99.9 | 99.9 | 311.0 | 312.6 | 2.9 | 98.3 | 999.9 | 999.9 |
| 16.6 | 50.4 | 5366.7 | 525.0 | -12.0 | -13.5 | 999.9 | 99.9 | 99.9 | 99.9 | 314.3 | 322.2 | 2.6 | 88.6 | 999.9 | 999.9 |
| 17.9 | 53.4 | 5739.3 | 500.0 | -13.7 | -17.2 | 999.9 | 99.9 | 99.9 | 99.9 | 316.6 | 322.8 | 2.0 | 74.2 | 999.9 | 999.9 |
| 19.3 | 56.4 | 6127.2 | 475.0 | -16.8 | -18.9 | 999.9 | 99.9 | 99.9 | 99.9 | 317.3 | 323.0 | 1.8 | 83.6 | 999.9 | 999.9 |
| 20.1 | 58.5 | 6531.3 | 450.0 | -19.7 | -21.7 | 999.9 | 99.9 | 99.9 | 99.9 | 318.6 | 323.5 | 1.5 | 83.7 | 999.9 | 999.9 |
| 21.4 | 63.1 | 6953.4 | 425.0 | -23.0 | -24.2 | 999.9 | 99.9 | 99.9 | 99.9 | 319.6 | 323.7 | 1.3 | 90.4 | 999.9 | 999.9 |
| 22.7 | 68.4 | 7395.4 | 400.0 | -26.0 | -26.2 | 999.9 | 99.9 | 99.9 | 99.9 | 321.2 | 325.0 | 1.1 | 98.5 | 999.9 | 999.9 |
| 24.3 | 70.1 | 7859.7 | 375.0 | -29.6 | -32.3 | 999.9 | 99.9 | 99.9 | 99.9 | 322.4 | 324.7 | 0.7 | 77.8 | 999.9 | 999.9 |
| 26.0 | 73.8 | 8342.3 | 350.0 | -33.5 | -38.5 | 999.9 | 99.9 | 99.9 | 99.9 | 323.5 | 324.9 | 0.4 | 60.6 | 999.9 | 999.9 |
| 27.7 | 77.4 | 8864.0 | 325.0 | -37.7 | -45.5 | 999.9 | 99.9 | 99.9 | 99.9 | 324.6 | 325.3 | 0.2 | 43.8 | 999.9 | 999.9 |
| 29.8 | 82.0 | 9410.5 | 300.0 | -42.3 | -48.9 | 999.9 | 99.9 | 99.9 | 99.9 | 325.7 | 326.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 31.6 | 86.2 | 9993.0 | 275.0 | -46.8 | -50.9 | 999.9 | 99.9 | 99.9 | 99.9 | 327.4 | 327.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 33.6 | 91.0 | 10616.7 | 250.0 | -52.0 | -56.9 | 999.9 | 99.9 | 99.9 | 99.9 | 328.2 | 328.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 35.6 | 96.3 | 11301.2 | 225.0 | -56.7 | -58.9 | 999.9 | 99.9 | 99.9 | 99.9 | 331.7 | 331.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 37.9 | 101.3 | 12028.7 | 200.0 | -61.9 | -61.9 | 999.9 | 99.9 | 99.9 | 99.9 | 334.7 | 334.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 40.0 | 107.3 | 12945.7 | 175.0 | -65.7 | -65.7 | 999.9 | 99.9 | 99.9 | 99.9 | 341.6 | 341.6 | 99.9 | 999.9 | 999.9 | 999.9 |
| 42.7 | 113.8 | 13790.5 | 150.0 | -60.7 | -60.7 | 999.9 | 99.9 | 99.9 | 99.9 | 345.6 | 345.6 | 99.9 | 999.9 | 999.9 | 999.9 |
| 46.4 | 121.0 | 14926.4 | 125.0 | -57.3 | -57.3 | 999.9 | 99.9 | 99.9 | 99.9 | 391.2 | 391.2 | 99.9 | 999.9 | 999.9 | 999.9 |
| 50.7 | 129.3 | 16222.1 | 100.0 | -62.1 | -62.1 | 999.9 | 99.9 | 99.9 | 99.9 | 407.7 | 407.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 56.0 | 137.7 | 18052.8 | 75.0 | -66.3 | -66.3 | 999.9 | 99.9 | 99.9 | 99.9 | 434.0 | 434.0 | 99.9 | 999.9 | 999.9 | 999.9 |
| 64.1 | 146.0 | 20507.5 | 50.0 | -59.1 | -59.1 | 999.9 | 99.9 | 99.9 | 99.9 | 504.3 | 504.3 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 405
STERLING, VA24 APRIL 1975
515 GMT

| TIME MIN | CATCT | WEIGHT GFM | PRES MB | TEMP DEG C | DEW PT DEG C | CIR DEG | SPEED M/SEC | U CMBP M/SEC | V CMBP M/SEC | PQT T DEG K | E PQT T DEG K | MR RTO GM/EG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 5.7 | 65.0 | 1006.3 | 16.1 | 12.7 | 180.0 | 5.1 | 0.0 | 5.1 | 290.0 | 313.7 | 9.2 | 80.0 | 0.0 | 0.0 |
| 0.1 | 6.2 | 139.6 | 1000.0 | 16.2 | 13.0 | 196.2 | 16.0 | 4.5 | 15.3 | 290.7 | 315.1 | 9.4 | 80.9 | 0.4 | 4.0 |
| 0.6 | 6.6 | 355.3 | 975.0 | 17.7 | 12.7 | 199.7 | 16.0 | 5.4 | 15.1 | 290.2 | 318.1 | 9.1 | 69.4 | 0.5 | 3.0 |
| 1.2 | 10.9 | 577.2 | 950.0 | 16.2 | 10.3 | 215.9 | 17.5 | 10.3 | 14.2 | 290.8 | 316.8 | 8.3 | 67.6 | 1.1 | 3.0 |
| 1.4 | 12.4 | 607.8 | 925.0 | 14.7 | 9.2 | 224.3 | 20.7 | 14.9 | 14.3 | 290.4 | 316.6 | 7.9 | 69.4 | 1.7 | 3.0 |
| 2.3 | 15.7 | 1035.4 | 900.0 | 13.3 | 7.9 | 229.0 | 21.2 | 16.0 | 13.9 | 290.2 | 316.3 | 7.5 | 70.3 | 2.4 | 4.0 |
| 3.0 | 18.1 | 1272.0 | 875.0 | 11.3 | 7.1 | 233.4 | 21.5 | 17.4 | 12.7 | 290.5 | 316.0 | 7.2 | 75.1 | 3.3 | 4.0 |
| 3.6 | 20.6 | 1514.2 | 850.0 | 10.2 | 5.5 | 243.2 | 25.9 | 23.1 | 11.7 | 297.7 | 315.9 | 6.7 | 72.5 | 4.1 | 4.0 |
| 4.2 | 23.1 | 1741.9 | 825.0 | 8.1 | 4.4 | 249.7 | 27.4 | 25.3 | 9.5 | 298.0 | 315.4 | 6.4 | 77.3 | 5.1 | 5.0 |
| 4.9 | 25.7 | 2015.4 | 800.0 | 5.8 | 4.9 | 254.1 | 27.3 | 26.3 | 7.4 | 298.2 | 316.9 | 6.8 | 94.4 | 6.0 | 3.0 |
| 5.4 | 28.2 | 2274.8 | 775.0 | 3.7 | 3.5 | 261.2 | 25.4 | 25.3 | 3.9 | 298.6 | 316.1 | 6.4 | 98.5 | 7.0 | 3.0 |
| 6.3 | 31.3 | 2541.3 | 750.0 | 3.1 | 2.9 | 274.0 | 23.1 | 23.0 | -1.6 | 300.7 | 318.2 | 6.3 | 98.4 | 8.0 | 4.0 |
| 7.3 | 33.5 | 2815.8 | 725.0 | 1.3 | 1.0 | 279.6 | 22.5 | 22.2 | -3.8 | 301.6 | 317.5 | 5.7 | 98.7 | 9.1 | 6.0 |
| 8.6 | 36.3 | 3052.4 | 700.0 | 0.6 | 0.3 | 280.3 | 20.7 | 20.4 | -3.7 | 303.8 | 319.6 | 5.6 | 98.0 | 10.4 | 7.0 |
| 9.6 | 39.4 | 3399.9 | 675.0 | -1.1 | -1.4 | 281.2 | 18.2 | 17.8 | -3.5 | 305.1 | 319.8 | 5.1 | 97.8 | 11.6 | 7.0 |
| 10.7 | 42.0 | 3690.8 | 650.0 | -2.5 | -2.8 | 281.8 | 17.0 | 17.7 | -3.5 | 306.7 | 320.5 | 4.8 | 97.6 | 12.6 | 7.0 |
| 11.9 | 45.3 | 4001.7 | 625.0 | -4.1 | -4.4 | 281.7 | 16.0 | 17.6 | -3.7 | 308.4 | 321.3 | 4.4 | 97.4 | 13.7 | 7.0 |
| 13.1 | 48.1 | 4323.5 | 600.0 | -5.5 | -5.9 | 277.3 | 16.2 | 16.1 | -2.1 | 310.3 | 322.5 | 4.1 | 97.2 | 14.9 | 8.0 |
| 14.4 | 51.0 | 4656.8 | 575.0 | -7.2 | -7.6 | 270.5 | 18.9 | 18.9 | -0.2 | 312.0 | 323.2 | 3.8 | 96.9 | 16.4 | 8.0 |
| 15.7 | 54.3 | 5002.4 | 550.0 | -9.6 | -10.1 | 275.1 | 17.8 | 17.8 | -1.6 | 313.1 | 322.9 | 3.2 | 96.5 | 17.7 | 8.0 |
| 17.0 | 57.3 | 5303.4 | 525.0 | -11.9 | -12.4 | 279.2 | 17.7 | 17.5 | -2.8 | 314.4 | 323.1 | 2.8 | 95.9 | 19.0 | 8.0 |
| 18.5 | 60.7 | 5732.1 | 500.0 | -15.0 | -15.1 | 279.1 | 17.9 | 17.6 | -2.8 | 316.9 | 317.2 | 1.3 | 95.0 | 20.3 | 8.0 |
| 20.0 | 64.1 | 6117.8 | 475.0 | -18.0 | -18.1 | 280.0 | 22.1 | 21.8 | -3.4 | 315.7 | 317.4 | 0.5 | 95.1 | 22.1 | 8.0 |
| 21.7 | 67.7 | 6519.6 | 450.0 | -21.0 | -21.3 | 283.4 | 21.4 | 20.8 | -5.0 | 318.8 | 318.0 | 0.3 | 95.1 | 24.5 | 8.0 |
| 23.5 | 71.1 | 6936.3 | 425.0 | -24.1 | -24.1 | 275.9 | 28.4 | 28.5 | -3.0 | 318.1 | 319.6 | 0.4 | 95.1 | 27.0 | 8.0 |
| 25.4 | 75.3 | 7375.7 | 400.0 | -26.1 | -26.1 | 267.3 | 27.8 | 27.7 | 1.0 | 321.1 | 323.4 | 0.7 | 95.5 | 30.4 | 8.0 |
| 27.3 | 79.0 | 7842.7 | 375.0 | -29.0 | -29.7 | 268.9 | 34.7 | 34.7 | 0.7 | 322.4 | 324.1 | 0.5 | 95.0 | 35.0 | 8.0 |
| 30.4 | 82.8 | 8332.1 | 350.0 | -33.8 | -34.2 | 271.5 | 32.4 | 32.4 | -0.8 | 323.1 | 323.9 | 0.2 | 95.0 | 40.1 | 8.0 |
| 33.0 | 87.0 | 8846.7 | 325.0 | -38.1 | -38.8 | 277.4 | 37.4 | 37.1 | -4.8 | 325.0 | 324.1 | 0.0 | 95.0 | 45.0 | 8.0 |
| 36.2 | 91.6 | 9392.1 | 300.0 | -42.9 | -43.7 | 276.7 | 37.0 | 36.7 | -4.1 | 325.9 | 999.9 | 99.9 | 999.9 | 50.2 | 5.0 |
| 39.5 | 96.2 | 9972.9 | 275.0 | -47.7 | -48.7 | 276.4 | 31.7 | 31.5 | -3.5 | 326.5 | 999.9 | 99.9 | 999.9 | 55.7 | 5.0 |
| 42.7 | 101.3 | 10561.4 | 250.0 | -52.0 | -52.9 | 284.6 | 22.7 | 22.0 | -5.7 | 326.7 | 999.9 | 99.9 | 999.9 | 62.4 | 5.0 |
| 46.0 | 106.3 | 11270.9 | 225.0 | -57.4 | -58.4 | 287.1 | 44.5 | 42.6 | -13.1 | 330.6 | 999.9 | 99.9 | 999.9 | 70.3 | 5.0 |
| 49.4 | 111.9 | 12016.0 | 200.0 | -63.0 | -63.9 | 287.6 | 44.7 | 42.5 | -13.6 | 333.1 | 999.9 | 99.9 | 999.9 | 75.4 | 5.0 |
| 51.6 | 117.3 | 12418.9 | 175.0 | -67.7 | -68.7 | 287.6 | 37.1 | 35.3 | -11.3 | 338.3 | 999.9 | 99.9 | 999.9 | 85.1 | 5.0 |
| 54.9 | 124.3 | 13768.5 | 150.0 | -69.3 | -70.3 | 297.1 | 36.0 | 32.1 | -16.4 | 368.0 | 999.9 | 99.9 | 999.9 | 97.7 | 5.0 |
| 58.9 | 98.3 | 65.0 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 59.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 59.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 59.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 59.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 425
MUNTINGTON, NVA24 APRIL 1975
515 GMT

| TIME MIN | CHCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT Y DG K | E POT Y DG K | MR RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.1 | 260.0 | 925.1 | 15.6 | 10.6 | 180.0 | 2.6 | 0.0 | 2.6 | 291.1 | 312.5 | 0.2 | 72.0 | 0.0 | 0. |
| 0.9 | 69.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 6.3 | 333.6 | 975.0 | 15.4 | 9.5 | 190.0 | 14.0 | 4.3 | 13.3 | 291.7 | 312.0 | 7.7 | 67.7 | 0.2 | 1. |
| 1.0 | 10.5 | 550.3 | 950.0 | 15.3 | 9.4 | 204.8 | 15.5 | 6.5 | 14.1 | 293.8 | 314.5 | 7.8 | 67.7 | 0.5 | 14. |
| 1.7 | 12.8 | 780.7 | 925.0 | 15.7 | 9.2 | 219.0 | 19.2 | 12.1 | 14.9 | 296.4 | 317.7 | 7.6 | 65.2 | 1.3 | 24. |
| 2.6 | 15.2 | 1013.3 | 900.0 | 14.4 | 9.4 | 231.0 | 31.0 | 24.1 | 19.5 | 297.5 | 319.7 | 8.3 | 71.7 | 2.5 | 34. |
| 3.3 | 17.5 | 1211.4 | 875.0 | 13.5 | 9.8 | 238.7 | 33.9 | 29.9 | 17.6 | 299.0 | 322.6 | 8.8 | 70.1 | 4.1 | 42. |
| 4.2 | 20.0 | 1495.5 | 850.0 | 12.4 | 7.9 | 253.4 | 37.2 | 26.1 | 7.8 | 300.2 | 321.7 | 7.9 | 73.0 | 5.5 | 44. |
| 5.1 | 22.3 | 1746.1 | 825.0 | 11.2 | 6.7 | 261.0 | 26.2 | 25.9 | 4.1 | 301.4 | 322.0 | 7.5 | 73.5 | 6.4 | 45. |
| 6.0 | 24.9 | 2002.4 | 800.0 | 6.6 | 5.7 | 267.9 | 20.5 | 20.5 | 0.7 | 301.3 | 321.1 | 7.2 | 81.8 | 7.4 | 59. |
| 6.9 | 27.3 | 2265.7 | 775.0 | 6.6 | 5.7 | 261.3 | 17.1 | 16.9 | 2.6 | 301.8 | 322.4 | 7.5 | 74.4 | 8.9 | 52. |
| 7.4 | 30.1 | 2534.0 | 750.0 | 5.5 | 2.4 | 254.5 | 14.8 | 14.3 | 4.0 | 303.3 | 327.4 | 6.1 | 80.4 | 9.6 | 43. |
| 8.4 | 32.7 | 2810.9 | 725.0 | 3.6 | 0.6 | 251.0 | 14.2 | 13.5 | 4.6 | 304.2 | 319.5 | 5.5 | 80.6 | 10.2 | 54. |
| 9.4 | 35.3 | 3095.6 | 700.0 | 2.2 | -0.2 | 251.3 | 13.2 | 12.7 | 4.3 | 305.6 | 321.0 | 5.4 | 84.6 | 11.0 | 64. |
| 10.4 | 38.0 | 3388.2 | 675.0 | -0.6 | -0.9 | 256.9 | 15.3 | 14.9 | 3.5 | 305.6 | 320.8 | 5.3 | 97.6 | 11.7 | 45. |
| 11.4 | 40.7 | 3690.4 | 650.0 | -1.2 | -3.5 | 216.2 | 17.4 | 17.3 | 1.2 | 308.2 | 321.5 | 4.6 | 84.8 | 12.8 | 46. |
| 12.5 | 43.6 | 4002.0 | 625.0 | -3.7 | -11.1 | 267.3 | 17.8 | 17.8 | 0.9 | 308.5 | 316.4 | 2.6 | 56.2 | 13.9 | 69. |
| 13.6 | 46.6 | 4323.4 | 600.0 | -5.9 | -18.4 | 267.9 | 13.9 | 13.9 | 0.5 | 309.5 | 314.2 | 1.5 | 36.9 | 14.0 | 49. |
| 14.6 | 49.4 | 4655.2 | 575.0 | -7.5 | -23.7 | 266.5 | 13.3 | 13.3 | 0.8 | 310.1 | 313.2 | 1.0 | 27.5 | 15.7 | 70. |
| 15.0 | 52.4 | 4998.1 | 550.0 | -10.2 | -22.5 | 277.1 | 13.4 | 13.3 | -1.6 | 312.1 | 315.8 | 1.1 | 35.7 | 16.4 | 71. |
| 17.0 | 55.4 | 5355.6 | 525.0 | -12.8 | -25.3 | 283.5 | 15.7 | 15.3 | -3.7 | 313.1 | 316.1 | 0.9 | 34.2 | 17.4 | 73. |
| 18.3 | 58.5 | 5725.5 | 500.0 | -16.0 | -25.6 | 283.1 | 18.4 | 17.0 | -4.1 | 313.6 | 316.7 | 0.9 | 43.1 | 18.5 | 75. |
| 19.6 | 61.9 | 6110.4 | 475.0 | -18.6 | -33.3 | 273.0 | 22.0 | 21.9 | -1.4 | 314.9 | 316.6 | 0.5 | 26.1 | 19.0 | 77. |
| 21.0 | 65.3 | 6510.4 | 450.0 | -22.2 | -36.0 | 273.5 | 24.4 | 24.4 | -1.5 | 315.4 | 316.7 | 0.4 | 27.1 | 21.8 | 78. |
| 22.5 | 68.7 | 6924.2 | 425.0 | -24.3 | -46.7 | 282.1 | 22.0 | 21.5 | -4.6 | 317.8 | 318.3 | 0.1 | 11.4 | 23.4 | 90. |
| 24.0 | 72.1 | 7306.4 | 400.0 | -26.2 | -48.5 | 278.4 | 25.9 | 25.7 | -3.8 | 317.8 | 321.3 | 0.1 | 10.2 | 25.8 | 92. |
| 25.5 | 76.3 | 7932.2 | 375.0 | -29.8 | -40.6 | 278.0 | 31.1 | 30.8 | -4.1 | 322.1 | 323.2 | 0.2 | 33.8 | 26.4 | 93. |
| 27.1 | 80.3 | 8319.8 | 350.0 | -33.8 | -37.1 | 282.2 | 31.6 | 30.9 | -6.7 | 323.2 | 324.6 | 0.4 | 71.7 | 31.2 | 95. |
| 28.7 | 83.9 | 8695.0 | 325.0 | -38.2 | -43.0 | 286.2 | 27.7 | 26.6 | -7.7 | 324.0 | 325.3 | 0.3 | 49.9 | 33.9 | 96. |
| 30.7 | 88.3 | 9381.1 | 300.0 | -41.9 | 99.7 | 291.7 | 27.4 | 25.5 | -10.2 | 326.3 | 999.9 | 99.9 | 99.9 | 36.0 | 98. |
| 32.7 | 92.5 | 9555.6 | 275.0 | -45.9 | 99.9 | 285.9 | 32.4 | 31.1 | -6.9 | 328.8 | 999.9 | 99.9 | 99.9 | 40.3 | 90. |
| 34.8 | 97.2 | 10292.3 | 250.0 | -51.2 | 99.9 | 286.8 | 34.0 | 32.4 | -0.9 | 329.9 | 999.9 | 99.9 | 99.9 | 44.2 | 92. |
| 36.9 | 102.9 | 11268.9 | 225.0 | -55.8 | 99.9 | 280.3 | 36.7 | 36.1 | -6.6 | 333.0 | 999.9 | 99.9 | 99.9 | 48.2 | 93. |
| 39.1 | 107.4 | 12007.3 | 200.0 | -62.4 | 99.9 | 283.5 | 35.1 | 34.1 | -8.2 | 334.0 | 999.9 | 99.9 | 99.9 | 53.0 | 93. |
| 41.8 | 113.5 | 12826.2 | 175.0 | -61.9 | 99.9 | 276.4 | 37.9 | 37.7 | -4.2 | 347.7 | 999.9 | 99.9 | 99.9 | 59.3 | 94. |
| 44.0 | 120.2 | 13793.6 | 150.0 | -58.7 | 99.9 | 285.9 | 37.7 | 36.3 | -10.3 | 349.0 | 999.9 | 99.9 | 99.9 | 66.5 | 95. |
| 46.4 | 127.3 | 14942.3 | 125.0 | -58.5 | 99.9 | 279.2 | 24.9 | 24.6 | -4.0 | 384.0 | 999.9 | 99.9 | 99.9 | 73.9 | 96. |
| 52.6 | 155.0 | 16335.0 | 100.0 | -61.6 | 99.9 | 270.4 | 32.1 | 32.1 | -6.2 | 438.8 | 999.9 | 99.9 | 99.9 | 75.2 | 95. |
| 57.2 | 163.3 | 18093.9 | 75.0 | -64.8 | 99.9 | 272.5 | 16.1 | 16.1 | -0.7 | 437.1 | 999.9 | 99.9 | 99.9 | 84.3 | 96. |
| 64.4 | 182.3 | 20003.0 | 50.0 | -59.8 | 99.9 | 330.0 | 3.7 | 1.9 | -3.2 | 502.7 | 999.9 | 99.9 | 99.9 | 87.6 | 96. |
| 70.1 | 161.7 | 25044.5 | 25.0 | -52.6 | 99.9 | 302.4 | 5.1 | 4.3 | -2.7 | 502.7 | 999.9 | 99.9 | 99.9 | 88.1 | 97. |

0 PV SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 PV TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 429
DAYTON, OHIO

24 APRIL 1975
515 GMT

| TIME MIN | CHCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT V DG K | E POT V DG K | MR RTO GM/KG | SH PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-----------|
| 0.0 | 7.5 | 290.0 | 970.2 | 15.0 | 15.0 | 200.0 | 5.1 | 1.7 | 4.2 | 292.3 | 319.2 | 10.4 | 89.0 | 0.0 | 0 |
| 0.0 | 9.0 | 99.0 | 1000.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 0.2 | 7.0 | 300.0 | 975.0 | 15.5 | 15.5 | 140.0 | 11.4 | 3.2 | 11.0 | 292.1 | 318.3 | 10.1 | 87.0 | 0.1 | 2.0 |
| 1.0 | 10.1 | 520.0 | 950.0 | 13.9 | 12.0 | 205.0 | 18.7 | 8.0 | 16.5 | 292.6 | 319.0 | 9.7 | 91.0 | 0.2 | 2.0 |
| 2.1 | 12.1 | 750.0 | 925.0 | 13.7 | 12.3 | 210.0 | 25.3 | 16.0 | 19.6 | 290.6 | 320.4 | 9.0 | 91.0 | 2.0 | 2.0 |
| 3.0 | 15.1 | 900.0 | 900.0 | 13.0 | 10.6 | 231.7 | 28.0 | 21.0 | 16.6 | 290.0 | 312.9 | 9.0 | 85.7 | 3.0 | 3.0 |
| 4.0 | 16.4 | 1222.9 | 875.0 | 12.2 | 10.0 | 236.5 | 27.9 | 23.3 | 15.4 | 297.7 | 321.4 | 8.9 | 86.4 | 5.0 | 4.0 |
| 5.0 | 18.7 | 1475.7 | 850.0 | 11.1 | 9.7 | 241.7 | 28.5 | 21.5 | 11.6 | 296.0 | 323.1 | 8.9 | 91.0 | 6.5 | 4.0 |
| 6.0 | 20.9 | 1715.0 | 825.0 | 9.8 | 6.8 | 241.7 | 21.4 | 18.0 | 10.1 | 300.1 | 323.7 | 8.7 | 93.5 | 7.0 | 4.0 |
| 7.0 | 23.2 | 1970.0 | 800.0 | 9.6 | 7.7 | 230.1 | 18.0 | 15.9 | 9.9 | 301.4 | 324.1 | 8.3 | 94.1 | 8.4 | 5.0 |
| 8.0 | 25.5 | 2272.0 | 775.0 | 7.6 | 6.7 | 237.3 | 15.1 | 12.7 | 9.2 | 303.0 | 325.0 | 8.0 | 93.0 | 9.4 | 5.0 |
| 9.0 | 27.8 | 2500.1 | 750.0 | 6.2 | 5.4 | 236.1 | 14.5 | 12.0 | 8.1 | 304.3 | 325.3 | 7.5 | 94.2 | 10.1 | 5.0 |
| 10.0 | 30.1 | 2731.1 | 725.0 | 3.6 | 2.8 | 230.1 | 14.3 | 11.3 | 7.4 | 304.3 | 322.4 | 6.5 | 94.3 | 10.9 | 5.0 |
| 11.0 | 32.8 | 3000.4 | 700.0 | 2.5 | 1.6 | 230.5 | 14.7 | 12.7 | 7.5 | 306.1 | 323.5 | 6.2 | 93.5 | 11.5 | 5.0 |
| 12.0 | 35.3 | 3300.7 | 675.0 | 1.0 | 0.0 | 237.9 | 15.6 | 13.3 | 6.3 | 307.5 | 323.0 | 5.7 | 97.1 | 12.1 | 5.0 |
| 13.0 | 37.7 | 3603.4 | 650.0 | -1.8 | -0.6 | 230.3 | 15.7 | 13.2 | 6.6 | 307.0 | 321.0 | 4.9 | 94.0 | 12.9 | 5.0 |
| 14.0 | 40.1 | 3975.7 | 625.0 | -2.4 | -3.1 | 230.4 | 14.3 | 11.9 | 7.9 | 310.3 | 324.6 | 4.9 | 94.5 | 13.5 | 5.0 |
| 15.0 | 42.9 | 4290.7 | 600.0 | -3.4 | -4.2 | 235.4 | 13.3 | 10.9 | 7.5 | 312.7 | 324.0 | 4.7 | 94.2 | 13.0 | 5.0 |
| 16.0 | 45.7 | 4635.5 | 575.0 | -5.0 | -6.7 | 237.2 | 12.2 | 10.3 | 6.6 | 313.6 | 325.7 | 4.0 | 93.4 | 14.4 | 5.0 |
| 17.0 | 48.0 | 4901.6 | 550.0 | -7.3 | -10.5 | 245.9 | 11.9 | 10.9 | 4.9 | 313.6 | 322.9 | 3.1 | 90.0 | 14.8 | 5.0 |
| 18.0 | 51.4 | 5300.0 | 525.0 | -10.6 | -12.0 | 250.0 | 13.6 | 12.9 | 4.5 | 316.0 | 325.1 | 2.9 | 89.7 | 15.3 | 5.0 |
| 19.0 | 54.4 | 5715.2 | 500.0 | -13.0 | -14.5 | 253.0 | 17.0 | 16.3 | 5.0 | 317.5 | 325.3 | 2.5 | 88.1 | 15.8 | 5.0 |
| 20.0 | 57.3 | 6104.7 | 475.0 | -15.2 | -17.0 | 253.7 | 21.1 | 20.2 | 5.9 | 319.4 | 326.1 | 2.1 | 86.2 | 16.3 | 5.0 |
| 21.0 | 60.4 | 6505.6 | 450.0 | -20.0 | -22.3 | 253.6 | 25.1 | 25.1 | 6.4 | 318.2 | 322.8 | 1.4 | 81.7 | 17.4 | 5.0 |
| 22.0 | 63.4 | 6931.0 | 425.0 | -23.5 | -26.3 | 250.5 | 20.0 | 25.5 | 5.2 | 319.0 | 322.5 | 1.0 | 77.2 | 19.0 | 5.0 |
| 23.0 | 67.0 | 7371.4 | 400.0 | -26.9 | -30.3 | 248.5 | 27.1 | 27.3 | 5.9 | 320.0 | 322.6 | 0.8 | 73.1 | 21.1 | 5.0 |
| 24.0 | 70.3 | 7823.9 | 375.0 | -30.0 | -34.6 | 253.6 | 24.2 | 25.0 | 6.1 | 320.0 | 322.7 | 0.5 | 69.0 | 24.6 | 5.0 |
| 25.0 | 73.9 | 8319.7 | 350.0 | -34.5 | -38.3 | 250.4 | 28.0 | 27.5 | 6.7 | 322.2 | 323.0 | 0.4 | 65.1 | 32.2 | 5.0 |
| 26.0 | 77.0 | 8813.2 | 325.0 | -38.0 | -43.1 | 240.2 | 33.7 | 30.8 | 13.6 | 323.7 | 324.0 | 0.2 | 62.0 | 37.4 | 5.0 |
| 27.0 | 81.7 | 9377.0 | 300.0 | -42.5 | -48.9 | 240.4 | 30.6 | 30.5 | 3.3 | 34.0 | 999.9 | 99.9 | 99.9 | 41.3 | 5.0 |
| 28.0 | 85.7 | 9950.3 | 275.0 | -48.5 | -54.9 | 270.3 | 32.4 | 32.1 | -4.7 | 32.9 | 999.9 | 99.9 | 99.9 | 43.5 | 5.0 |
| 29.0 | 90.3 | 10574.0 | 250.0 | -54.9 | -60.9 | 270.1 | 35.1 | 34.2 | -7.4 | 326.5 | 999.9 | 99.9 | 99.9 | 45.4 | 5.0 |
| 30.0 | 95.2 | 11230.0 | 225.0 | -61.0 | -67.9 | 292.2 | 40.6 | 37.6 | -15.4 | 325.1 | 999.9 | 99.9 | 99.9 | 49.5 | 5.0 |
| 31.0 | 100.2 | 11902.3 | 200.0 | -62.5 | -69.9 | 287.3 | 51.9 | 49.4 | -16.0 | 333.7 | 999.9 | 99.9 | 99.9 | 56.5 | 5.0 |
| 32.0 | 105.5 | 12625.3 | 175.0 | -62.0 | -69.9 | 280.6 | 19.7 | 10.8 | -5.5 | 362.0 | 999.9 | 99.9 | 99.9 | 64.5 | 5.0 |
| 33.0 | 111.5 | 13790.6 | 150.0 | -61.0 | -69.9 | 265.6 | 20.9 | 20.9 | 5.1 | 365.1 | 999.9 | 99.9 | 99.9 | 68.1 | 5.0 |
| 34.0 | 98.2 | 99.0 | 125.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 35.0 | 98.3 | 99.0 | 100.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 36.0 | 98.0 | 99.0 | 75.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 37.0 | 98.0 | 99.0 | 50.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 38.0 | 98.0 | 99.0 | 25.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

FINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 433
SALTM. ILL24 APRIL 1975
515 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.3 | 175.0 | 990.8 | 16.7 | 15.6 | 270.0 | 1.5 | 1.5 | 0.0 | 292.1 | 321.3 | 11.3 | 93.0 | 109 | 152.0 |
| 99.0 | 95.3 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 6.5 | 312.6 | 975.0 | 17.0 | 13.1 | 335.8 | 12.3 | 5.0 | -11.2 | 293.6 | 319.3 | 9.8 | 77.7 | 0.1 | 34. |
| 1.0 | 8.5 | 538.7 | 950.0 | 17.1 | 10.0 | 338.3 | 12.9 | 6.0 | -11.5 | 295.7 | 317.5 | 8.2 | 62.9 | 0.3 | 175. |
| 1.7 | 10.5 | 732.4 | 925.0 | 16.5 | 8.8 | 322.1 | 13.9 | 8.5 | -10.9 | 297.3 | 313.1 | 7.7 | 60.2 | 0.9 | 185. |
| 2.4 | 12.5 | 991.4 | 900.0 | 15.3 | 7.9 | 313.3 | 11.9 | 8.6 | -8.1 | 298.3 | 318.5 | 7.5 | 61.3 | 1.5 | 182. |
| 3.1 | 14.7 | 1233.6 | 875.0 | 13.1 | 7.5 | 303.0 | 8.9 | 7.4 | -4.8 | 298.4 | 318.7 | 7.5 | 68.8 | 1.3 | 135. |
| 3.7 | 16.6 | 1476.7 | 850.0 | 10.8 | 4.3 | 277.5 | 6.7 | 6.6 | -0.9 | 298.5 | 320.6 | 8.2 | 64.9 | 2.2 | 135. |
| 4.4 | 18.9 | 1725.6 | 825.0 | 9.6 | 9.2 | 241.5 | 8.2 | 7.2 | 3.9 | 299.9 | 324.1 | 8.9 | 97.5 | 2.3 | 130. |
| 5.0 | 21.0 | 1981.6 | 800.0 | 9.2 | 8.8 | 228.7 | 13.4 | 10.1 | 8.8 | 302.2 | 326.7 | 9.0 | 97.4 | 2.4 | 122. |
| 5.8 | 23.4 | 2245.6 | 775.0 | 8.5 | 8.1 | 230.8 | 17.7 | 13.7 | 11.3 | 305.0 | 328.5 | 8.8 | 97.3 | 2.7 | 134. |
| 6.7 | 25.6 | 2516.8 | 750.0 | 6.8 | 6.4 | 238.6 | 19.2 | 15.7 | 11.1 | 305.5 | 327.8 | 7.6 | 96.8 | 4.0 | 85. |
| 7.5 | 28.0 | 2755.0 | 725.0 | 5.5 | 5.0 | 232.6 | 22.0 | 17.5 | 13.4 | 305.4 | 320.1 | 5.1 | 80.5 | 5.5 | 76. |
| 8.8 | 30.5 | 3080.7 | 700.0 | 2.1 | -0.9 | 212.6 | 22.0 | 17.5 | 16.4 | 306.5 | 321.2 | 5.1 | 80.8 | 7.2 | 76. |
| 10.1 | 33.1 | 3371.7 | 675.0 | 0.2 | -1.4 | 229.6 | 25.4 | 19.3 | 17.3 | 308.7 | 323.5 | 5.1 | 92.2 | 8.8 | 64. |
| 11.2 | 35.6 | 3676.2 | 650.0 | -0.9 | -2.0 | 230.6 | 27.3 | 21.1 | 17.0 | 307.1 | 318.2 | 2.3 | 53.9 | 10.4 | 65. |
| 12.1 | 37.9 | 3968.2 | 625.0 | -4.9 | -13.0 | 233.6 | 28.7 | 23.1 | 14.2 | 309.6 | 317.5 | 2.6 | 64.2 | 12.2 | 63. |
| 13.2 | 40.5 | 4309.3 | 600.0 | -5.9 | -11.6 | 238.8 | 27.3 | 23.4 | 12.5 | 311.2 | 319.2 | 2.6 | 70.8 | 13.6 | 61. |
| 14.1 | 42.2 | 4631.5 | 575.0 | -7.8 | -12.2 | 243.8 | 24.2 | 23.3 | 12.6 | 313.3 | 321.4 | 2.6 | 76.8 | 15.1 | 61. |
| 14.9 | 44.1 | 4926.5 | 550.0 | -9.3 | -12.6 | 246.9 | 32.2 | 23.6 | 11.9 | 314.8 | 318.7 | 1.2 | 39.6 | 17.9 | 63. |
| 16.3 | 49.1 | 5344.8 | 525.0 | -11.4 | -22.4 | 247.1 | 30.7 | 23.3 | 8.3 | 317.2 | 321.9 | 1.4 | 51.9 | 20.5 | 54. |
| 17.8 | 52.0 | 5718.2 | 500.0 | -13.1 | -20.3 | 254.4 | 31.0 | 20.9 | 5.5 | 319.6 | 323.4 | 1.2 | 45.4 | 22.4 | 61. |
| 18.9 | 54.1 | 6108.1 | 475.0 | -14.9 | -23.9 | 259.5 | 30.5 | 30.0 | 4.5 | 320.1 | 322.9 | 0.8 | 42.1 | 24.1 | 61. |
| 19.9 | 56.1 | 6514.8 | 450.0 | -18.4 | -28.1 | 260.9 | 28.3 | 28.5 | 5.7 | 321.3 | 323.1 | 0.5 | 34.0 | 25.9 | 57. |
| 20.9 | 58.6 | 6939.1 | 425.0 | -21.6 | -33.4 | 258.8 | 29.2 | 28.7 | 2.8 | 322.8 | 324.1 | 0.4 | 28.5 | 28.1 | 64. |
| 22.2 | 65.1 | 7382.8 | 400.0 | -24.7 | -39.8 | 264.2 | 28.0 | 27.8 | -0.7 | 323.9 | 323.9 | 0.0 | 1.0 | 30.0 | 70. |
| 23.5 | 68.6 | 7846.9 | 375.0 | -28.4 | -68.1 | 271.4 | 27.4 | 27.4 | -1.5 | 325.5 | 326.5 | 0.0 | 1.0 | 32.4 | 71. |
| 24.9 | 72.3 | 8340.4 | 350.0 | -31.3 | -70.0 | 273.5 | 25.3 | 25.2 | 99.9 | 328.2 | 328.2 | 0.0 | 99.9 | 35.9 | 99.9 |
| 26.2 | 76.3 | 8861.7 | 325.0 | -35.1 | -72.6 | 99.9 | 99.9 | 99.9 | 99.9 | 328.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 27.4 | 80.6 | 9413.3 | 300.0 | -40.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 327.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 28.9 | 85.3 | 9900.2 | 275.0 | -43.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 331.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 29.9 | 88.8 | 10427.9 | 250.0 | -50.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 331.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 31.7 | 93.0 | 11374.3 | 225.0 | -56.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 336.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 33.5 | 100.4 | 12041.1 | 200.0 | -61.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 343.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 35.1 | 106.5 | 12863.9 | 175.0 | -64.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 • BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 • BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 451
DODGE CITY, KAN

24 APRIL 1975
515 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT Y DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ CC |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 13.4 | 761.0 | 914.4 | 16.7 | -0.9 | 290.0 | 4.1 | 3.9 | -1.4 | 257.9 | 308.9 | 3.9 | 30.0 | 0.0 | 0 |
| 99.9 | 59.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 14.8 | 925.1 | 900.0 | 23.2 | 9.0 | 204.2 | 6.9 | 2.8 | 6.3 | 306.6 | 329.1 | 6.1 | 40.5 | 0.3 | 13.0 |
| 1.3 | 17.0 | 1174.0 | 875.0 | 24.4 | -4.6 | 236.6 | 9.0 | 7.5 | 5.0 | 309.5 | 318.9 | 3.1 | 14.3 | 0.4 | 8.0 |
| 2.0 | 19.4 | 1426.0 | 850.0 | 21.7 | -6.5 | 237.1 | 10.6 | 8.9 | 5.8 | 309.3 | 317.6 | 2.8 | 14.5 | 0.5 | 7.2 |
| 2.7 | 21.7 | 1693.2 | 825.0 | 19.3 | -7.3 | 231.6 | 12.8 | 10.0 | 6.0 | 309.4 | 317.5 | 2.7 | 10.7 | 1.3 | 6.5 |
| 3.4 | 24.1 | 1946.3 | 800.0 | 17.2 | -8.9 | 229.5 | 15.0 | 10.6 | 9.1 | 309.8 | 317.2 | 2.4 | 15.9 | 1.9 | 6.1 |
| 4.4 | 26.4 | 2215.5 | 775.0 | 14.5 | -10.1 | 226.1 | 15.6 | 11.2 | 10.8 | 309.7 | 316.7 | 2.3 | 17.2 | 2.7 | 5.7 |
| 5.1 | 29.3 | 2491.0 | 750.0 | 12.5 | -11.6 | 229.3 | 16.6 | 12.6 | 10.8 | 310.4 | 315.8 | 2.1 | 17.3 | 3.6 | 5.4 |
| 6.2 | 31.7 | 2773.7 | 725.0 | 9.9 | -13.0 | 230.7 | 17.0 | 13.1 | 10.7 | 310.5 | 316.5 | 1.9 | 18.5 | 4.5 | 5.1 |
| 7.0 | 34.3 | 3063.4 | 700.0 | 7.2 | -15.1 | 231.7 | 18.5 | 13.0 | 10.2 | 310.7 | 315.9 | 1.7 | 18.7 | 5.4 | 5.1 |
| 8.1 | 36.3 | 3360.9 | 675.0 | 4.6 | -15.7 | 231.1 | 19.8 | 11.5 | 9.3 | 311.0 | 316.2 | 1.7 | 21.1 | 6.3 | 5.1 |
| 9.1 | 39.3 | 3666.7 | 650.0 | 1.8 | -17.8 | 237.0 | 19.9 | 11.6 | 7.6 | 311.2 | 315.8 | 1.5 | 21.6 | 7.2 | 5.3 |
| 10.0 | 42.4 | 3981.4 | 625.0 | -0.8 | -19.9 | 249.0 | 18.3 | 13.4 | 5.0 | 311.7 | 315.7 | 1.3 | 21.8 | 8.0 | 5.4 |
| 11.1 | 45.3 | 4305.8 | 600.0 | -3.5 | -21.1 | 266.3 | 14.6 | 14.6 | 0.9 | 312.1 | 315.9 | 1.2 | 24.2 | 8.9 | 5.4 |
| 12.2 | 48.4 | 4640.0 | 575.0 | -6.8 | -22.0 | 280.2 | 14.4 | 14.2 | -2.6 | 312.1 | 315.8 | 1.1 | 28.6 | 9.6 | 6.0 |
| 13.3 | 51.3 | 4985.3 | 550.0 | -9.2 | -24.2 | 279.9 | 13.9 | 13.9 | -1.4 | 313.3 | 316.5 | 1.0 | 28.3 | 10.3 | 6.3 |
| 14.4 | 54.4 | 5343.9 | 525.0 | -11.3 | -27.3 | 263.8 | 15.3 | 15.2 | 1.4 | 316.5 | 320.0 | 0.8 | 25.7 | 11.3 | 6.5 |
| 15.6 | 57.4 | 5717.0 | 500.0 | -13.6 | -29.3 | 253.7 | 16.3 | 15.6 | 4.6 | 316.5 | 320.0 | 0.8 | 25.7 | 12.3 | 6.7 |
| 16.8 | 60.7 | 6104.6 | 475.0 | -16.9 | -25.0 | 254.2 | 12.0 | 11.7 | 2.9 | 317.2 | 323.6 | 1.1 | 49.2 | 13.3 | 6.7 |
| 18.3 | 64.3 | 6509.3 | 450.0 | -19.2 | -29.0 | 263.8 | 12.8 | 12.7 | 1.6 | 319.2 | 321.8 | 0.8 | 41.2 | 14.1 | 6.4 |
| 19.3 | 67.7 | 6932.5 | 425.0 | -22.2 | -32.5 | 263.0 | 14.9 | 14.8 | 1.7 | 320.6 | 322.6 | 0.6 | 38.3 | 15.2 | 5.4 |
| 20.6 | 71.0 | 7374.7 | 400.0 | -26.2 | -36.9 | 262.7 | 15.6 | 15.5 | 2.0 | 320.9 | 322.2 | 0.4 | 35.6 | 16.3 | 7.0 |
| 22.2 | 75.0 | 7837.6 | 375.0 | -30.6 | -41.0 | 262.4 | 17.4 | 17.2 | 2.2 | 321.1 | 322.1 | 0.3 | 35.0 | 17.9 | 7.1 |
| 23.4 | 79.0 | 8323.5 | 350.0 | -34.9 | -45.4 | 260.0 | 16.8 | 16.5 | 2.9 | 321.6 | 322.2 | 0.2 | 33.1 | 19.5 | 7.2 |
| 25.5 | 82.8 | 8837.0 | 325.0 | -38.0 | -51.4 | 268.1 | 20.9 | 20.9 | 0.7 | 324.2 | 324.6 | 0.1 | 22.7 | 21.5 | 7.3 |
| 27.0 | 87.0 | 9382.9 | 300.0 | -42.6 | -59.9 | 271.1 | 22.4 | 22.4 | -0.4 | 325.3 | 324.6 | 99.9 | 99.9 | 23.2 | 7.4 |
| 29.7 | 91.6 | 9965.0 | 275.0 | -47.3 | -69.9 | 273.6 | 26.2 | 26.1 | -1.7 | 326.8 | 324.6 | 99.9 | 99.9 | 26.3 | 7.7 |
| 31.9 | 96.2 | 10590.4 | 250.0 | -50.7 | -79.9 | 268.6 | 27.1 | 26.9 | 2.5 | 330.6 | 324.6 | 99.9 | 99.9 | 30.1 | 7.8 |
| 34.2 | 100.8 | 11269.0 | 225.0 | -53.8 | -89.9 | 263.0 | 27.7 | 27.6 | 2.9 | 333.1 | 324.6 | 99.9 | 99.9 | 34.3 | 7.9 |
| 36.8 | 106.3 | 12012.8 | 200.0 | -56.8 | -99.9 | 243.0 | 23.9 | 21.4 | 10.7 | 338.1 | 324.6 | 99.9 | 99.9 | 38.1 | 7.9 |
| 39.9 | 112.3 | 12948.4 | 175.0 | -59.7 | -99.9 | 261.0 | 34.0 | 33.6 | 5.3 | 351.3 | 324.6 | 99.9 | 99.9 | 43.9 | 7.6 |
| 43.4 | 118.5 | 13818.4 | 150.0 | -57.8 | -99.9 | 240.8 | 33.1 | 28.6 | 12.2 | 370.5 | 324.6 | 99.9 | 99.9 | 50.1 | 7.7 |
| 47.4 | 125.5 | 14970.5 | 125.0 | -57.6 | -99.9 | 253.0 | 31.4 | 29.3 | 5.2 | 390.6 | 324.6 | 99.9 | 99.9 | 58.3 | 7.6 |
| 52.6 | 133.0 | 16370.0 | 100.0 | -60.4 | -99.9 | 241.6 | 21.9 | 19.3 | 10.4 | 411.1 | 324.6 | 99.9 | 99.9 | 66.3 | 7.6 |
| 58.7 | 140.3 | 18163.1 | 75.0 | -63.7 | -99.9 | 259.9 | 14.9 | 14.7 | 2.6 | 439.3 | 324.6 | 99.9 | 99.9 | 72.8 | 7.5 |
| 67.1 | 148.0 | 20693.8 | 50.0 | -57.3 | -99.9 | 216.0 | 5.5 | 3.2 | 4.4 | 568.4 | 324.6 | 99.9 | 99.9 | 77.0 | 7.5 |
| 80.6 | 155.7 | 25150.9 | 25.0 | -51.1 | -99.9 | 269.1 | 4.4 | 4.4 | 0.1 | 638.0 | 324.6 | 99.9 | 99.9 | 80.2 | 7.5 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 456
TOPERA, KAN24 APRIL 1975
520 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DFW PT CG C | DIR CG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.6 | 268.0 | 974.0 | 22.8 | 18.3 | 280.0 | 10.3 | 10.1 | -1.0 | 300.1 | 336.6 | 13.0 | 76.0 | 0.0 | 0 |
| 99.0 | 99.9 | 59.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 990 |
| 99.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 990 |
| 0.7 | 6.5 | 482.6 | 950.0 | 17.7 | 10.1 | 280.3 | 20.6 | 19.6 | -6.5 | 296.3 | 318.2 | 8.2 | 60.7 | 0.7 | 150 |
| 1.4 | 10.6 | 710.7 | 925.0 | 17.1 | 7.8 | 291.0 | 22.9 | 21.3 | -8.2 | 297.8 | 317.4 | 7.2 | 54.3 | 1.5 | 125 |
| 2.1 | 12.6 | 543.9 | 900.0 | 15.4 | 5.5 | 295.7 | 20.6 | 19.6 | -8.9 | 298.3 | 315.6 | 6.3 | 51.5 | 2.4 | 121 |
| 2.9 | 14.7 | 1182.1 | 875.0 | 13.4 | 4.5 | 300.0 | 19.0 | 18.5 | -9.5 | 298.5 | 315.1 | 6.0 | 54.6 | 3.3 | 117 |
| 3.8 | 16.5 | 1425.3 | 850.0 | 11.2 | 6.6 | 309.1 | 22.3 | 17.3 | -14.0 | 298.8 | 318.6 | 7.3 | 74.0 | 4.6 | 121 |
| 4.4 | 19.1 | 1674.0 | 825.0 | 8.9 | 7.0 | 317.7 | 10.6 | 12.4 | -11.0 | 290.1 | 319.9 | 7.7 | 87.6 | 5.3 | 127 |
| 4.8 | 21.2 | 1929.3 | 800.0 | 6.3 | 5.7 | 315.9 | 12.4 | 8.7 | -8.7 | 298.8 | 318.5 | 7.2 | 96.1 | 5.6 | 124 |
| 5.2 | 23.5 | 2189.4 | 775.0 | 6.4 | 6.4 | 315.1 | 6.4 | 5.9 | -6.0 | 301.7 | 323.1 | 7.8 | 100.4 | 5.8 | 124 |
| 5.7 | 25.8 | 2458.8 | 750.0 | 5.5 | 5.5 | 285.4 | 3.8 | 3.7 | -1.0 | 303.5 | 324.5 | 7.6 | 100.8 | 6.0 | 124 |
| 6.0 | 28.3 | 2736.1 | 725.0 | 4.3 | 4.3 | 223.5 | 4.5 | 3.1 | 6.3 | 305.1 | 325.4 | 7.2 | 103.3 | 5.9 | 124 |
| 6.3 | 30.7 | 3022.0 | 700.0 | 3.4 | 3.4 | 206.1 | 7.1 | 3.1 | 6.3 | 307.1 | 326.9 | 7.0 | 103.8 | 6.0 | 123 |
| 6.6 | 33.3 | 3317.2 | 675.0 | 2.9 | 2.9 | 194.6 | 10.9 | 2.7 | 10.5 | 309.9 | 330.0 | 7.1 | 102.8 | 6.0 | 121 |
| 7.1 | 35.8 | 3624.9 | 650.0 | 4.0 | 3.7 | 185.5 | 14.3 | 1.4 | 14.2 | 314.5 | 336.9 | 7.7 | 98.3 | 5.9 | 114 |
| 7.4 | 38.4 | 3944.3 | 625.0 | 3.0 | 2.8 | 175.7 | 15.5 | -0.1 | 15.5 | 316.9 | 339.1 | 7.6 | 98.6 | 5.7 | 114 |
| 8.3 | 41.0 | 4274.3 | 600.0 | -1.0 | -1.4 | 176.0 | 15.5 | -1.1 | 15.8 | 315.7 | 332.8 | 5.8 | 96.6 | 5.2 | 177 |
| 9.3 | 43.8 | 4614.2 | 575.0 | -2.0 | -4.1 | 178.8 | 19.4 | -0.4 | 19.4 | 318.3 | 333.1 | 4.9 | 85.7 | 5.1 | 94 |
| 10.0 | 46.7 | 4967.3 | 550.0 | -3.9 | -6.5 | 178.7 | 23.6 | -0.5 | 23.6 | 320.0 | 333.1 | 4.3 | 82.4 | 5.1 | 97 |
| 11.6 | 45.6 | 5332.9 | 525.0 | -8.5 | -12.1 | 182.7 | 21.2 | 1.0 | 21.1 | 318.5 | 327.5 | 2.9 | 75.4 | 5.8 | 62 |
| 15.3 | 52.4 | 5709.0 | 500.0 | -11.9* | 99.9 | 191.2 | 21.3 | 4.1 | 20.9 | 318.6 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 17.4 | 55.4 | 6098.8 | 475.0 | -15.8 | -19.8 | 195.5 | 18.6 | 6.2 | 17.6 | 318.5 | 323.9 | 1.7 | 71.3 | 14.1 | 24 |
| 21.3 | 58.4 | 6504.2 | 450.0 | -18.9 | -22.9 | 211.9 | 23.4 | 12.4 | 19.9 | 319.7 | 324.0 | 1.3 | 69.9 | 15.4 | 24 |
| 23.2 | 61.9 | 6528.7 | 425.0 | -21.0 | -25.2 | 216.0 | 26.5 | 15.6 | 21.5 | 322.1 | 326.0 | 1.2 | 68.7 | 19.2 | 24 |
| 24.8 | 65.2 | 7373.8 | 400.0 | -24.3 | -28.6 | 233.0 | 25.8 | 18.3 | 19.6 | 323.5 | 326.6 | 0.9 | 67.0 | 21.9 | 31 |
| 26.3 | 68.6 | 7842.9 | 375.0 | -25.9 | -30.4 | 227.2 | 25.0 | 18.4 | 17.0 | 327.3 | 330.1 | 0.8 | 65.5 | 24.1 | 32 |
| 27.7 | 72.2 | 8338.0 | 350.0 | -30.6 | -35.2 | 229.7 | 25.2 | 19.9 | 16.6 | 327.4 | 329.3 | 0.5 | 63.7 | 26.1 | 33 |
| 29.3 | 76.2 | 8859.5 | 325.0 | -35.7 | -40.5 | 231.1 | 23.2 | 18.1 | 14.6 | 327.4 | 328.6 | 0.3 | 61.2 | 26.1 | 35 |
| 30.9 | 80.3 | 9409.0 | 300.0 | -40.7 | 99.9 | 234.1 | 19.1 | 15.5 | 11.2 | 328.0 | 999.9 | 99.9 | 99.9 | 30.6 | 34 |
| 32.1 | 84.5 | 9994.9 | 275.0 | -46.1 | 99.9 | 237.8 | 21.5 | 18.2 | 11.4 | 328.2 | 999.9 | 99.9 | 99.9 | 31.6 | 37 |
| 33.7 | 88.8 | 10621.9 | 250.0 | -51.1 | 99.9 | 236.8 | 22.1 | 18.5 | 12.1 | 330.2 | 999.9 | 99.9 | 99.9 | 33.8 | 36 |
| 37.5 | 93.8 | 11298.1 | 225.0 | -56.6 | 99.9 | 232.4 | 23.2 | 18.4 | 14.1 | 331.7 | 999.9 | 99.9 | 99.9 | 38.8 | 40 |
| 44.9 | 99.0 | 12034.7 | 200.0 | -62.7 | 99.9 | 210.6 | 17.7 | 9.0 | 15.3 | 333.4 | 999.9 | 99.9 | 99.9 | 47.2 | 34 |
| 47.8 | 104.5 | 12845.7 | 175.0 | -69.1 | 99.9 | 220.2 | 31.6 | 20.4 | 24.1 | 336.0 | 999.9 | 99.9 | 99.9 | 51.7 | 32 |
| 51.9 | 110.8 | 13762.3 | 150.0 | -60.5 | 99.9 | 254.5 | 35.7 | 34.4 | 9.5 | 365.9 | 999.9 | 99.9 | 99.9 | 59.3 | 41 |
| 60.5 | 116.0 | 14915.6 | 125.0 | -58.6 | 99.9 | 260.3 | 30.5 | 30.1 | 5.1 | 384.9 | 999.9 | 99.9 | 99.9 | 74.3 | 49 |
| 67.4 | 126.3 | 16312.1 | 100.0 | -56.7 | 99.9 | 233.1 | 16.2 | 13.0 | 9.7 | 418.1 | 999.9 | 99.9 | 99.9 | 82.9 | 53 |
| 99.3 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 490
PORT TOTTEN, N Y24 APRIL 1975
515 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTG GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.3 | 8.0 | 1018.0 | 93.0 | 91.1 | 999.9 | 99.9 | 99.9 | 99.9 | 496.1 | 999.9 | 99.9 | 93.0 | 999.9 | 99.9 |
| 0.5 | 5.7 | 181.9 | 1000.0 | 9.1 | 8.1 | 999.9 | 99.9 | 99.9 | 99.9 | 283.2 | 300.5 | 6.8 | 93.2 | 999.9 | 99.9 |
| 1.1 | 7.8 | 393.0 | 975.0 | 11.5 | 11.4 | 999.9 | 99.9 | 99.9 | 99.9 | 287.8 | 310.3 | 8.7 | 99.4 | 999.9 | 99.9 |
| 1.6 | 10.3 | 611.1 | 950.0 | 12.9 | 10.6 | 999.9 | 99.9 | 99.9 | 99.9 | 291.4 | 313.6 | 8.5 | 86.2 | 999.9 | 99.9 |
| 2.5 | 12.1 | 836.1 | 925.0 | 13.2 | 9.1 | 999.9 | 99.9 | 99.9 | 99.9 | 293.8 | 314.8 | 7.9 | 76.2 | 999.9 | 99.9 |
| 3.2 | 14.3 | 1066.4 | 900.0 | 11.9 | 7.8 | 999.9 | 99.9 | 99.9 | 99.9 | 294.7 | 315.5 | 7.4 | 75.9 | 999.9 | 99.9 |
| 4.0 | 16.5 | 1332.1 | 875.0 | 10.6 | 6.9 | 999.9 | 99.9 | 99.9 | 99.9 | 295.7 | 315.0 | 7.2 | 77.8 | 999.9 | 99.9 |
| 4.8 | 18.9 | 1543.4 | 850.0 | 9.4 | 4.3 | 999.9 | 99.9 | 99.9 | 99.9 | 296.8 | 313.5 | 6.2 | 70.7 | 999.9 | 99.9 |
| 5.7 | 20.9 | 1790.5 | 825.0 | 7.5 | 2.7 | 999.9 | 99.9 | 99.9 | 99.9 | 297.3 | 312.9 | 5.7 | 71.6 | 999.9 | 99.9 |
| 6.5 | 23.4 | 2047.4 | 800.0 | 5.3 | 0.7 | 999.9 | 99.9 | 99.9 | 99.9 | 297.5 | 311.4 | 5.0 | 71.9 | 999.9 | 99.9 |
| 7.4 | 25.7 | 2302.3 | 775.0 | 3.2 | 0.9 | 999.9 | 99.9 | 99.9 | 99.9 | 298.0 | 312.6 | 5.3 | 84.5 | 999.9 | 99.9 |
| 8.2 | 28.1 | 2557.4 | 750.0 | 1.2 | 0.5 | 999.9 | 99.9 | 99.9 | 99.9 | 298.5 | 313.2 | 5.3 | 95.2 | 999.9 | 99.9 |
| 9.2 | 30.7 | 2839.4 | 725.0 | -0.9 | -3.2 | 999.9 | 99.9 | 99.9 | 99.9 | 294.0 | 310.7 | 4.2 | 83.9 | 999.9 | 99.9 |
| 10.1 | 33.3 | 3119.1 | 700.0 | -2.6 | -4.8 | 999.9 | 99.9 | 99.9 | 99.9 | 300.1 | 311.1 | 3.8 | 84.4 | 999.9 | 99.9 |
| 11.1 | 35.8 | 3407.6 | 675.0 | -3.4 | -6.3 | 999.9 | 99.9 | 99.9 | 99.9 | 302.3 | 312.5 | 3.6 | 80.4 | 999.9 | 99.9 |
| 12.1 | 38.4 | 3705.2 | 650.0 | -5.6 | -8.3 | 999.9 | 99.9 | 99.9 | 99.9 | 303.0 | 312.2 | 3.2 | 81.5 | 999.9 | 99.9 |
| 13.1 | 40.9 | 4011.7 | 625.0 | -7.8 | -9.5 | 999.9 | 99.9 | 99.9 | 99.9 | 303.9 | 312.7 | 3.0 | 87.7 | 999.9 | 99.9 |
| 14.1 | 43.7 | 4328.8 | 600.0 | -9.3 | -10.8 | 999.9 | 99.9 | 99.9 | 99.9 | 305.7 | 314.1 | 2.8 | 90.2 | 999.9 | 99.9 |
| 15.2 | 46.5 | 4657.0 | 575.0 | -11.5 | -12.9 | 999.9 | 99.9 | 99.9 | 99.9 | 306.8 | 314.3 | 2.5 | 89.2 | 999.9 | 99.9 |
| 16.3 | 49.5 | 4996.9 | 550.0 | -13.4 | -14.8 | 999.9 | 99.9 | 99.9 | 99.9 | 308.4 | 315.1 | 2.2 | 89.2 | 999.9 | 99.9 |
| 17.4 | 52.1 | 5350.0 | 525.0 | -15.4 | -16.9 | 999.9 | 99.9 | 99.9 | 99.9 | 310.1 | 316.1 | 1.9 | 88.6 | 999.9 | 99.9 |
| 18.5 | 55.3 | 5717.2 | 500.0 | -17.6 | -18.9 | 999.9 | 99.9 | 99.9 | 99.9 | 311.7 | 317.1 | 1.7 | 89.4 | 999.9 | 99.9 |
| 19.7 | 58.4 | 6099.5 | 475.0 | -20.1 | -21.5 | 999.9 | 99.9 | 99.9 | 99.9 | 313.3 | 317.8 | 1.4 | 88.1 | 999.9 | 99.9 |
| 21.1 | 61.7 | 6498.5 | 450.0 | -23.0 | -24.4 | 999.9 | 99.9 | 99.9 | 99.9 | 314.5 | 318.3 | 1.2 | 87.4 | 999.9 | 99.9 |
| 22.4 | 65.1 | 6915.3 | 425.0 | -25.8 | -27.4 | 999.9 | 99.9 | 99.9 | 99.9 | 316.0 | 319.1 | 0.9 | 84.1 | 999.9 | 99.9 |
| 23.8 | 68.4 | 7352.7 | 400.0 | -27.8 | -29.8 | 999.9 | 99.9 | 99.9 | 99.9 | 318.9 | 321.6 | 0.8 | 82.1 | 999.9 | 99.9 |
| 25.1 | 71.8 | 7814.7 | 375.0 | -30.3 | -32.9 | 999.9 | 99.9 | 99.9 | 99.9 | 321.5 | 323.6 | 0.6 | 77.7 | 999.9 | 99.9 |
| 26.6 | 75.6 | 8302.2 | 350.0 | -34.1 | -37.2 | 999.9 | 99.9 | 99.9 | 99.9 | 322.8 | 324.4 | 0.4 | 73.2 | 999.9 | 99.9 |
| 28.2 | 79.6 | 8810.6 | 325.0 | -38.4 | -41.9 | 999.9 | 99.9 | 99.9 | 99.9 | 323.7 | 324.8 | 0.3 | 68.7 | 999.9 | 99.9 |
| 30.0 | 83.5 | 9361.1 | 300.0 | -43.4 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 324.2 | 324.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 31.6 | 87.3 | 9930.7 | 275.0 | -48.8 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 324.6 | 324.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 33.7 | 92.2 | 10557.7 | 250.0 | -54.8 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 324.9 | 324.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 35.7 | 96.8 | 11212.0 | 225.0 | -61.1 | -79.9 | 999.9 | 99.9 | 99.9 | 99.9 | 324.9 | 324.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 38.1 | 102.3 | 11943.0 | 200.0 | -65.5 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 320.1 | 320.1 | 99.9 | 99.9 | 999.9 | 99.9 |
| 41.1 | 107.9 | 12761.3 | 175.0 | -55.8 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 351.3 | 351.3 | 99.9 | 99.9 | 999.9 | 99.9 |
| 44.9 | 114.0 | 13719.0 | 150.0 | -50.8 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 367.1 | 367.1 | 99.9 | 99.9 | 999.9 | 99.9 |
| 49.4 | 120.8 | 14870.0 | 125.0 | -58.1 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 389.9 | 389.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 55.2 | 128.7 | 16271.5 | 100.0 | -53.6 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 412.5 | 412.5 | 99.9 | 99.9 | 999.9 | 99.9 |
| 58.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |

ORIGINAL PAGE IS
OF POOR QUALITY* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 510
ALBANY, N.Y.

24 APRIL 1975
515 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

| TIME MIN | CATCY | WIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|--------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.2 | 86.0 | 1000.6 | 9.0 | 5.9 | 170.0 | 7.2 | -1.3 | 7.1 | 282.2 | 297.1 | 5.8 | 81.0 | 0.2 | 0. |
| 0.2 | 5.9 | 157.0 | 1000.0 | 9.2 | 9.2 | 2.9 | 6.5 | -0.3 | -6.5 | 282.4 | 999.9 | 99.9 | 99.9 | 0.2 | 347. |
| 0.3 | 6.4 | 366.2 | 975.0 | 8.4 | 99.9 | 106.7 | 1.5 | -1.4 | 0.4 | 283.7 | 999.9 | 99.9 | 999.9 | 0.2 | 343. |
| 1.7 | 10.8 | 580.0 | 950.0 | 7.0 | 99.9 | 170.4 | 17.5 | -2.9 | 17.2 | 284.3 | 999.9 | 99.9 | 999.9 | 1.5 | 344. |
| 2.6 | 13.2 | 799.0 | 925.0 | 6.7 | 5.6 | 177.5 | 23.2 | -1.0 | 23.2 | 287.0 | 303.2 | 6.2 | 93.0 | 2.6 | 346. |
| 3.5 | 15.6 | 1025.4 | 900.0 | 7.7 | 4.9 | 194.7 | 15.8 | 4.0 | 15.2 | 290.2 | 306.4 | 6.1 | 82.9 | 3.7 | 353. |
| 4.6 | 18.1 | 1252.1 | 875.0 | 8.0 | 5.1 | 210.5 | 16.5 | 8.4 | 14.2 | 293.0 | 309.9 | 6.3 | 81.5 | 4.5 | 362. |
| 5.7 | 20.6 | 1407.0 | 850.0 | 5.9 | 4.2 | 215.4 | 17.1 | 9.9 | 14.0 | 293.2 | 309.6 | 6.1 | 86.7 | 5.4 | 366. |
| 6.7 | 23.2 | 1741.0 | 825.0 | 4.1 | 3.1 | 215.3 | 17.9 | 10.3 | 14.6 | 293.7 | 309.4 | 5.8 | 92.5 | 6.4 | 11. |
| 7.9 | 25.8 | 1991.0 | 800.0 | 2.4 | 1.8 | 213.9 | 18.6 | 10.4 | 15.5 | 294.5 | 309.3 | 5.5 | 95.4 | 7.3 | 15. |
| 9.1 | 28.4 | 2247.3 | 775.0 | 0.8 | 0.2 | 213.1 | 20.3 | 11.1 | 17.0 | 295.3 | 309.1 | 5.0 | 95.4 | 8.9 | 11. |
| 10.6 | 31.2 | 2511.9 | 750.0 | 0.0 | -0.6 | 215.2 | 21.7 | 12.5 | 17.7 | 297.2 | 310.7 | 4.9 | 95.3 | 10.8 | 20. |
| 12.4 | 34.1 | 2782.2 | 725.0 | -1.2 | -1.9 | 217.6 | 23.9 | 14.6 | 18.9 | 298.7 | 311.7 | 4.6 | 95.5 | 13.0 | 23. |
| 13.8 | 36.9 | 3061.9 | 700.0 | -2.4 | -3.0 | 221.9 | 25.2 | 16.8 | 18.7 | 300.4 | 312.8 | 4.4 | 95.3 | 15.2 | 26. |
| 15.0 | 39.7 | 3350.1 | 675.0 | -4.1 | -4.7 | 226.4 | 23.3 | 16.9 | 16.1 | 301.6 | 313.0 | 4.0 | 95.1 | 16.4 | 27. |
| 16.2 | 42.5 | 3647.4 | 650.0 | -5.7 | -6.5 | 235.2 | 24.0 | 19.7 | 13.7 | 302.9 | 313.4 | 3.6 | 94.6 | 18.4 | 28. |
| 17.4 | 45.5 | 3954.2 | 625.0 | -7.7 | -8.3 | 245.0 | 24.0 | 21.7 | 10.1 | 304.1 | 313.6 | 3.3 | 95.7 | 20.0 | 30. |
| 19.2 | 48.7 | 4270.6 | 600.0 | -10.4 | -11.4 | 244.6 | 26.8 | 24.2 | 11.5 | 304.4 | 312.2 | 2.7 | 92.3 | 22.1 | 31. |
| 20.9 | 51.5 | 4537.2 | 575.0 | -13.6 | -14.7 | 247.7 | 27.9 | 25.8 | 10.6 | 304.3 | 310.7 | 2.1 | 91.1 | 24.7 | 32. |
| 22.5 | 54.3 | 4812.3 | 550.0 | -17.1 | -18.4 | 251.5 | 29.0 | 27.5 | 9.2 | 304.0 | 303.0 | 1.6 | 89.5 | 27.1 | 42. |
| 24.2 | 56.0 | 5092.0 | 525.0 | -17.0 | -18.3 | 256.9 | 23.4 | 22.8 | 5.3 | 308.1 | 313.4 | 1.7 | 89.4 | 29.3 | 45. |
| 25.9 | 61.4 | 5647.2 | 500.0 | -18.7 | -20.3 | 254.9 | 27.7 | 26.7 | 7.2 | 310.3 | 315.1 | 1.5 | 87.0 | 31.4 | 47. |
| 27.4 | 65.0 | 6127.8 | 475.0 | -21.4 | -23.2 | 256.1 | 20.9 | 20.3 | 5.0 | 311.6 | 315.6 | 1.2 | 84.8 | 34.0 | 49. |
| 29.6 | 68.4 | 6426.2 | 450.0 | -22.2 | -24.3 | 263.1 | 19.5 | 19.3 | 2.3 | 315.5 | 317.3 | 1.2 | 82.9 | 35.9 | 51. |
| 31.3 | 71.9 | 6845.0 | 425.0 | -24.5 | -26.7 | 266.1 | 19.4 | 19.3 | 1.3 | 317.6 | 320.9 | 1.0 | 81.8 | 37.9 | 53. |
| 33.3 | 75.7 | 7284.0 | 400.0 | -27.8 | -30.2 | 273.3 | 17.9 | 17.9 | -1.0 | 318.9 | 321.5 | 0.8 | 76.4 | 39.2 | 54. |
| 35.1 | 79.7 | 7744.7 | 375.0 | -31.2 | -34.0 | 267.7 | 20.7 | 20.7 | 0.4 | 320.3 | 324.3 | 0.6 | 75.7 | 41.3 | 56. |
| 37.1 | 83.7 | 8230.4 | 350.0 | -34.7 | -38.0 | 258.0 | 26.7 | 26.2 | 5.5 | 321.9 | 324.4 | 0.4 | 71.3 | 43.6 | 58. |
| 39.2 | 87.7 | 8744.2 | 325.0 | -38.7 | -42.4 | 261.7 | 28.0 | 27.7 | 4.0 | 323.3 | 324.3 | 0.3 | 67.5 | 46.6 | 60. |
| 41.4 | 92.2 | 9288.2 | 300.0 | -43.8 | -46.7 | 256.4 | 28.7 | 27.9 | 6.7 | 323.6 | 999.9 | 99.9 | 999.9 | 50.2 | 61. |
| 43.7 | 96.8 | 9866.3 | 275.0 | -49.0 | -49.0 | 263.7 | 26.3 | 26.1 | 2.9 | 124.3 | 999.9 | 99.9 | 999.9 | 53.5 | 62. |
| 46.2 | 101.6 | 10483.7 | 250.0 | -54.9 | -54.9 | 261.7 | 34.8 | 34.4 | 5.0 | 324.5 | 999.9 | 99.9 | 999.9 | 56.1 | 64. |
| 48.8 | 107.0 | 11147.2 | 225.0 | -61.1 | -59.9 | 264.1 | 34.5 | 34.4 | 3.6 | 324.5 | 999.9 | 99.9 | 999.9 | 62.8 | 65. |
| 51.4 | 112.2 | 11870.5 | 200.0 | -65.3 | -59.9 | 270.3 | 41.7 | 41.2 | -0.2 | 329.3 | 999.9 | 99.9 | 999.9 | 64.1 | 67. |
| 54.9 | 118.0 | 12691.2 | 175.0 | -61.1 | -59.9 | 278.4 | 40.1 | 39.7 | -5.9 | 349.2 | 959.9 | 59.9 | 999.9 | 75.0 | 70. |
| 58.0 | 125.0 | 13462.4 | 150.0 | -55.1 | -59.9 | 277.7 | 44.6 | 44.2 | -13.7 | 375.2 | 999.9 | 99.9 | 999.9 | 82.5 | 74. |
| 63.6 | 132.0 | 14816.2 | 125.0 | -56.9 | -59.9 | 310.4 | 20.9 | 15.9 | -13.7 | 375.2 | 999.9 | 99.9 | 999.9 | 89.2 | 76. |
| 70.4 | 140.0 | 16224.3 | 100.0 | -58.3 | -59.9 | 289.3 | 21.9 | 20.6 | -7.2 | 415.2 | 999.9 | 99.9 | 999.9 | 97.0 | 79. |
| 99.9 | 99.9 | 99.9 | 750.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

ORIGINAL PAGE
OF POOR QUALITY

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520
PITTSBURGH, PA

24 APRIL 1975
515 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 00 | 00 | 359.0 | 971.3 | 13.6 | 9.6 | 210.0 | 6.2 | 3.1 | 5.4 | 290.2 | 310.5 | 7.8 | 77.0 | 0.0 | 0. |
| 00.9 | 00.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 01.9 | 01.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 02.9 | 02.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 03.9 | 03.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 04.9 | 04.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 05.9 | 05.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 06.9 | 06.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 07.9 | 07.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 08.9 | 08.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 09.9 | 09.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 10.9 | 10.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 11.9 | 11.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 12.9 | 12.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 13.9 | 13.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 14.9 | 14.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 15.9 | 15.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 16.9 | 16.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 17.9 | 17.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 18.9 | 18.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 19.9 | 19.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 20.9 | 20.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 21.9 | 21.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 22.9 | 22.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 23.9 | 23.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 24.9 | 24.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 25.9 | 25.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 26.9 | 26.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 27.9 | 27.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 28.9 | 28.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 29.9 | 29.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 30.9 | 30.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 31.9 | 31.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 32.9 | 32.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 33.9 | 33.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 34.9 | 34.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 35.9 | 35.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 36.9 | 36.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 37.9 | 37.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 38.9 | 38.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 39.9 | 39.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 40.9 | 40.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 41.9 | 41.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 42.9 | 42.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 43.9 | 43.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 44.9 | 44.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 45.9 | 45.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 46.9 | 46.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 47.9 | 47.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 48.9 | 48.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 49.9 | 49.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.9 | 50.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 51.9 | 51.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 52.9 | 52.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 53.9 | 53.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 54.9 | 54.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 55.9 | 55.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 56.9 | 56.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 57.9 | 57.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 58.9 | 58.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.9 | 59.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 60.9 | 60.9 | 50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

METEOROLOGICAL DATA

STATION NO. 528
BUFFALO, N. Y.24 APRIL 1975
515 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | CEM PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WIND GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|---------------|-----------|-------------|----------|
| 0.1 | 5.9 | 218.0 | 983.4 | 11.7 | 10.6 | 200.0 | 7.7 | 2.6 | 7.2 | 287.3 | 308.4 | 8.2 | 93.0 | 0.0 | 3.0 |
| 00.9 | 59.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 6.4 | 200.4 | 975.0 | 13.1 | 9.8 | 213.5 | 13.3 | 7.1 | 11.2 | 285.4 | 309.7 | 7.8 | 80.3 | 0.4 | 2.0 |
| 0.9 | 6.5 | 502.3 | 950.0 | 11.0 | 9.7 | 218.3 | 15.0 | 8.5 | 12.4 | 285.4 | 310.1 | 8.0 | 91.5 | 0.7 | 3.1 |
| 1.4 | 10.5 | 730.8 | 925.0 | 9.7 | 8.9 | 221.3 | 19.6 | 12.9 | 14.7 | 290.2 | 310.4 | 7.7 | 93.0 | 1.4 | 3.4 |
| 2.3 | 12.4 | 958.4 | 900.0 | 8.7 | 7.9 | 234.1 | 23.9 | 13.3 | 14.0 | 291.5 | 311.1 | 7.5 | 94.5 | 2.4 | 3.4 |
| 3.0 | 14.5 | 1191.8 | 875.0 | 8.1 | 7.3 | 243.9 | 26.3 | 23.6 | 11.5 | 293.1 | 312.7 | 7.4 | 94.9 | 3.4 | 4.5 |
| 3.6 | 1.5 | 1431.5 | 850.0 | 7.7 | 7.1 | 253.1 | 25.0 | 23.0 | 7.3 | 295.2 | 315.2 | 7.5 | 95.6 | 4.3 | 5.7 |
| 4.4 | 18.7 | 1677.8 | 825.0 | 6.9 | 6.3 | 262.4 | 23.5 | 22.3 | 3.1 | 296.9 | 317.6 | 7.3 | 95.8 | 5.3 | 5.7 |
| 5.2 | 20.2 | 1930.9 | 800.0 | 5.8 | 5.1 | 266.7 | 22.7 | 22.6 | 1.3 | 298.2 | 317.1 | 6.9 | 95.7 | 6.3 | 6.1 |
| 5.9 | 23.0 | 2197.5 | 775.0 | 4.4 | 3.7 | 263.8 | 19.9 | 15.8 | 2.1 | 299.4 | 317.2 | 6.5 | 95.4 | 7.1 | 6.4 |
| 6.3 | 25.3 | 2457.3 | 750.0 | 2.4 | 1.7 | 266.4 | 19.5 | 15.5 | 1.2 | 300.0 | 316.0 | 5.8 | 95.1 | 8.2 | 7.1 |
| 7.4 | 27.5 | 2730.7 | 725.0 | -0.0 | -0.9 | 270.1 | 21.5 | 21.5 | -0.0 | 300.1 | 314.0 | 5.0 | 93.6 | 9.2 | 6.7 |
| 8.7 | 30.0 | 3011.4 | 700.0 | -0.5 | -5.7 | 274.9 | 23.5 | 23.4 | -2.0 | 302.3 | 312.6 | 3.6 | 67.8 | 10.4 | 7.4 |
| 9.6 | 32.6 | 3303.2 | 675.0 | 0.0 | -19.3 | 280.4 | 25.5 | 25.1 | -4.6 | 305.8 | 309.6 | 1.2 | 21.7 | 11.5 | 7.2 |
| 10.6 | 35.1 | 3604.5 | 650.0 | -1.3 | -25.6 | 276.1 | 26.0 | 25.9 | -2.8 | 307.0 | 310.0 | 1.0 | 18.7 | 13.1 | 7.2 |
| 11.6 | 37.6 | 3915.2 | 625.0 | -4.2 | -25.4 | 276.7 | 23.7 | 23.6 | -2.8 | 307.8 | 310.2 | 0.8 | 17.2 | 14.4 | 7.2 |
| 12.5 | 40.2 | 4235.4 | 600.0 | -6.5 | -27.8 | 277.4 | 20.9 | 20.7 | -2.7 | 308.6 | 310.7 | 0.6 | 16.5 | 15.6 | 8.1 |
| 13.5 | 42.9 | 4564.5 | 575.0 | -8.8 | -30.2 | 275.3 | 20.4 | 20.3 | -1.9 | 309.7 | 311.5 | 0.5 | 15.7 | 16.8 | 8.2 |
| 14.5 | 45.0 | 4908.9 | 550.0 | -11.9 | -30.4 | 275.1 | 20.9 | 20.8 | -1.9 | 309.9 | 311.9 | 0.5 | 14.1 | 18.1 | 8.2 |
| 15.8 | 48.6 | 5263.3 | 525.0 | -14.2 | -36.3 | 275.1 | 23.3 | 23.2 | -2.1 | 311.3 | 312.5 | 0.2 | 13.5 | 19.6 | 8.4 |
| 17.0 | 51.4 | 5632.0 | 500.0 | -16.0 | -40.0 | 271.6 | 27.1 | 27.1 | -0.8 | 313.5 | 314.3 | 0.2 | 10.5 | 21.4 | 8.5 |
| 19.4 | 54.6 | 6016.3 | 475.0 | -18.7 | -42.3 | 271.3 | 28.1 | 28.1 | -0.6 | 314.8 | 315.5 | 0.2 | 10.4 | 23.7 | 8.5 |
| 19.7 | 57.5 | 6417.2 | 450.0 | -21.8 | -40.3 | 271.8 | 29.3 | 29.2 | -0.9 | 315.8 | 316.3 | 0.1 | 8.7 | 26.1 | 8.7 |
| 21.1 | 60.9 | 6934.7 | 425.0 | -25.6 | -40.9 | 277.5 | 21.3 | 21.1 | -2.8 | 315.2 | 309.9 | 92.9 | 99.9 | 24.1 | 4.7 |
| 22.6 | 64.4 | 7271.0 | 400.0 | -29.5 | -40.9 | 274.4 | 22.1 | 22.1 | -1.7 | 315.6 | 99.9 | 99.9 | 99.9 | 30.0 | 4.7 |
| 24.2 | 67.8 | 7722.1 | 375.0 | -33.1 | -40.9 | 272.7 | 24.6 | 24.6 | -1.1 | 317.8 | 99.9 | 99.9 | 99.9 | 32.3 | 4.7 |
| 25.8 | 71.3 | 8238.8 | 350.0 | -36.8 | -40.9 | 285.2 | 28.5 | 27.5 | -7.5 | 315.1 | 99.9 | 99.9 | 99.9 | 34.6 | 4.7 |
| 27.4 | 75.3 | 8720.9 | 325.0 | -38.8 | -40.9 | 300.6 | 33.0 | 28.4 | -16.8 | 323.2 | 99.9 | 99.9 | 99.9 | 37.2 | 4.7 |
| 28.9 | 79.4 | 9264.8 | 300.0 | -43.6 | -40.9 | 301.2 | 39.3 | 33.6 | -20.4 | 324.0 | 99.9 | 99.9 | 99.9 | 40.2 | 4.7 |
| 30.6 | 83.6 | 9843.5 | 275.0 | -48.6 | -40.9 | 296.1 | 45.8 | 41.2 | -20.1 | 324.8 | 99.9 | 99.9 | 99.9 | 44.0 | 4.7 |
| 33.0 | 88.2 | 10465.0 | 250.0 | -51.8 | -40.9 | 292.0 | 60.5 | 56.1 | -22.6 | 325.0 | 99.9 | 99.9 | 99.9 | 51.6 | 4.7 |
| 34.7 | 93.3 | 11144.5 | 225.0 | -55.5 | -40.9 | 297.8 | 47.8 | 42.3 | -22.2 | 333.5 | 99.9 | 99.9 | 99.9 | 57.1 | 10.2 |
| 36.7 | 98.5 | 11844.9 | 200.0 | -61.2 | -40.9 | 289.0 | 35.0 | 33.1 | -11.4 | 335.9 | 99.9 | 99.9 | 99.9 | 61.5 | 11.1 |
| 39.5 | 104.3 | 12706.6 | 175.0 | -56.3 | -40.9 | 275.0 | 32.1 | 38.9 | -3.4 | 353.8 | 99.9 | 99.9 | 99.9 | 68.4 | 10.2 |
| 43.3 | 110.8 | 13696.8 | 150.0 | -58.8 | -40.9 | 282.2 | 26.7 | 28.1 | -5.6 | 368.8 | 99.9 | 99.9 | 99.9 | 74.5 | 10.2 |
| 47.5 | 119.3 | 14842.0 | 125.0 | -55.3 | -40.9 | 275.4 | 30.0 | 29.9 | -2.8 | 394.2 | 99.9 | 99.9 | 99.9 | 81.4 | 10.2 |
| 52.5 | 127.0 | 16263.3 | 100.0 | -55.5 | -40.9 | 281.7 | 27.0 | 26.4 | -5.5 | 420.5 | 99.9 | 99.9 | 99.9 | 89.0 | 10.2 |
| 58.0 | 137.0 | 18070.2 | 75.0 | -60.4 | -40.9 | 280.6 | 14.5 | 14.2 | -2.7 | 440.2 | 99.9 | 99.9 | 99.9 | 93.3 | 10.2 |
| 66.5 | 146.3 | 20628.2 | 50.0 | -55.4 | -40.9 | 280.3 | 3.4 | 3.4 | -0.6 | 512.9 | 99.9 | 99.9 | 99.9 | 96.5 | 10.2 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 532
PEORIA, ILL

24 APRIL 1975
515 GMT

| TIME MIN | CATCT | HEIGHT GPH | PRES MB | TEMP DEG C | CEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MK RTO GM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 6.0 | 200.0 | 982.9 | 14.4 | 13.8 | 240.0 | 1.6 | 1.4 | 0.8 | 290.3 | 316.4 | 10.1 | 96.0 | 0.0 | 0. |
| 9.9 | 9.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 6.7 | 268.7 | 975.0 | 15.1 | 14.3 | 237.9 | 3.6 | 3.1 | 1.9 | 291.8 | 320.2 | 11.0 | 98.3 | 0.1 | 33. |
| 0.9 | 8.8 | 489.4 | 950.0 | 15.2 | 13.3 | 237.5 | 5.1 | 4.3 | 2.7 | 293.9 | 320.7 | 10.2 | 98.9 | 0.2 | 54. |
| 1.6 | 10.9 | 716.1 | 925.0 | 16.0 | 12.0 | 236.5 | 6.3 | 6.1 | 1.5 | 296.7 | 317.4 | 7.7 | 62.4 | 0.5 | 59. |
| 2.4 | 13.0 | 949.5 | 900.0 | 16.9 | 10.9 | 231.7 | 7.4 | 7.4 | -1.5 | 299.6 | 314.8 | 5.4 | 40.5 | 0.9 | 71. |
| 3.1 | 15.2 | 1189.1 | 875.0 | 15.4 | 1.6 | 289.7 | 7.4 | 7.0 | -2.5 | 300.5 | 314.2 | 4.9 | 39.1 | 1.0 | 72. |
| 3.8 | 17.4 | 1434.0 | 850.0 | 13.6 | 0.7 | 281.2 | 6.4 | 6.2 | -1.2 | 301.1 | 314.4 | 4.7 | 41.2 | 1.3 | 87. |
| 4.6 | 19.3 | 1694.8 | 825.0 | 11.9 | -0.2 | 290.1 | 5.3 | 5.0 | -1.8 | 301.8 | 314.8 | 4.6 | 43.2 | 1.6 | 93. |
| 5.4 | 22.0 | 1941.6 | 800.0 | 10.2 | -0.8 | 305.2 | 4.2 | 3.4 | -2.4 | 302.7 | 315.6 | 4.5 | 46.3 | 1.8 | 93. |
| 6.2 | 24.5 | 2205.0 | 775.0 | 8.2 | -0.4 | 312.4 | 4.5 | 3.3 | -3.1 | 303.2 | 316.5 | 4.7 | 53.4 | 2.0 | 77. |
| 7.1 | 26.7 | 2474.9 | 750.0 | 5.9 | 0.7 | 319.5 | 5.7 | 3.7 | -4.4 | 303.7 | 318.9 | 5.4 | 69.2 | 2.2 | 121. |
| 8.1 | 29.5 | 2752.1 | 725.0 | 4.7 | -7.0 | 318.4 | 7.2 | 4.8 | -5.4 | 305.0 | 314.1 | 3.1 | 42.4 | 2.5 | 177. |
| 9.1 | 32.0 | 3037.1 | 700.0 | 2.9 | -17.1 | 315.9 | 10.1 | 7.1 | -7.3 | 305.8 | 313.2 | 1.4 | 21.2 | 2.9 | 111. |
| 10.1 | 34.7 | 3331.0 | 675.0 | 1.5 | -18.4 | 313.2 | 13.7 | 9.7 | -9.7 | 307.6 | 311.9 | 1.3 | 21.0 | 3.6 | 117. |
| 11.2 | 37.2 | 3632.3 | 650.0 | -1.3 | -18.6 | 313.5 | 16.0 | 11.6 | -11.0 | 307.6 | 311.9 | 1.4 | 25.5 | 4.5 | 124. |
| 12.2 | 40.1 | 3944.0 | 625.0 | -4.1 | -18.8 | 308.6 | 19.6 | 15.3 | -12.2 | 307.9 | 312.2 | 1.4 | 30.7 | 5.6 | 123. |
| 13.4 | 42.9 | 4244.7 | 600.0 | -6.3 | -21.1 | 301.4 | 22.5 | 19.2 | -11.7 | 308.9 | 312.7 | 1.2 | 29.7 | 7.1 | 123. |
| 14.5 | 45.9 | 4596.1 | 575.0 | -8.1 | -21.3 | 296.6 | 21.2 | 14.9 | -9.5 | 310.4 | 311.1 | 0.2 | 5.2 | 8.6 | 127. |
| 15.7 | 49.0 | 4940.1 | 550.0 | -10.1 | -26.3 | 286.3 | 23.9 | 23.0 | -6.7 | 312.1 | 312.2 | 0.0 | 1.0 | 10.1 | 121. |
| 16.9 | 52.0 | 5294.6 | 525.0 | -12.8 | -28.0 | 280.7 | 25.1 | 24.7 | -4.7 | 313.0 | 313.1 | 0.0 | 1.0 | 11.7 | 115. |
| 18.0 | 54.3 | 5604.6 | 500.0 | -15.5 | -29.7 | 277.8 | 25.3 | 25.1 | -3.4 | 314.2 | 314.2 | 0.0 | 1.0 | 13.5 | 114. |
| 19.3 | 56.6 | 5911.8 | 475.7 | -17.8 | -31.2 | 275.6 | 27.5 | 27.4 | -2.7 | 315.9 | 316.0 | 0.0 | 1.0 | 15.4 | 113. |
| 20.6 | 62.1 | 6454.4 | 450.0 | -19.8 | -31.8 | 272.9 | 28.0 | 27.9 | -1.4 | 318.3 | 314.4 | 0.0 | 1.1 | 17.4 | 111. |
| 22.0 | 65.3 | 6766.6 | 425.0 | -22.7 | -33.3 | 276.5 | 29.6 | 29.4 | -3.3 | 319.9 | 321.8 | 0.5 | 37.5 | 19.7 | 174. |
| 23.2 | 69.5 | 7314.3 | 400.7 | -26.0 | -28.4 | 267.2 | 30.9 | 30.9 | 1.5 | 321.2 | 324.3 | 0.9 | 60.3 | 22.1 | 174. |
| 24.8 | 73.3 | 7782.2 | 375.0 | -29.8 | -31.6 | 257.0 | 32.1 | 31.3 | 7.2 | 322.2 | 324.7 | 0.7 | 83.7 | 24.7 | 174. |
| 26.5 | 77.7 | 8270.6 | 350.0 | -33.4 | -36.0 | 248.2 | 32.0 | 29.7 | 11.9 | 323.7 | 325.4 | 0.5 | 77.5 | 27.3 | 171. |
| 28.9 | 81.9 | 8787.0 | 325.0 | -37.2 | -41.2 | 244.1 | 32.3 | 29.1 | 14.0 | 325.3 | 326.5 | 0.3 | 65.7 | 29.9 | 97. |
| 29.9 | 86.4 | 9334.3 | 300.0 | -42.2 | -49.9 | 233.1 | 31.1 | 27.7 | 14.1 | 325.9 | 326.5 | 0.9 | 99.9 | 32.6 | 91. |
| 31.7 | 91.4 | 9916.3 | 275.0 | -47.1 | -59.9 | 223.1 | 33.1 | 29.5 | 14.6 | 327.0 | 326.5 | 0.9 | 99.9 | 35.9 | 91. |
| 31.5 | 96.5 | 10534.9 | 250.0 | -52.3 | -69.9 | 212.7 | 31.8 | 26.3 | 14.6 | 328.3 | 326.5 | 0.9 | 99.9 | 38.3 | 82. |
| 35.4 | 102.0 | 11212.8 | 225.0 | -57.7 | -79.9 | 203.3 | 32.1 | 29.1 | 13.4 | 330.0 | 326.5 | 0.9 | 99.9 | 42.3 | 87. |
| 37.5 | 108.2 | 11943.6 | 200.0 | -64.8 | -89.9 | 193.1 | 36.8 | 34.4 | 13.1 | 330.2 | 326.5 | 0.9 | 99.9 | 46.3 | 85. |
| 39.9 | 114.5 | 12751.3 | 175.0 | -67.3 | -99.9 | 182.8 | 29.7 | 28.4 | 8.6 | 338.9 | 326.5 | 0.9 | 99.9 | 51.3 | 83. |
| 42.4 | 121.5 | 13689.3 | 150.0 | -62.6 | -99.9 | 170.5 | 19.3 | 30.3 | -0.3 | 362.3 | 326.5 | 0.9 | 99.9 | 56.4 | 82. |
| 46.2 | 129.0 | 14825.7 | 125.0 | -57.4 | -99.9 | 176.0 | 34.2 | 34.0 | -3.6 | 391.1 | 326.5 | 0.9 | 99.9 | 65.3 | 45. |
| 53.5 | 137.0 | 16245.3 | 100.0 | -56.1 | -99.9 | 240.2 | 17.6 | 15.2 | 8.7 | 415.5 | 326.5 | 0.9 | 99.9 | 76.4 | 42. |
| 56.4 | 144.7 | 18031.2 | 75.0 | -66.3 | -99.9 | 318.5 | 2.8 | 1.9 | -2.1 | 433.9 | 326.5 | 0.9 | 99.9 | 73.5 | 24. |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 553
OWAMA, AEB24 APRIL 1975
600 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DRY PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CLMP M/SEC | POT T DG K | E POT T DG K | W R TO CM/KG | RM PCT | RANGE KM | 24. 9 | 47 DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-------|----------|
| 0.0 | 7.7 | 400.0 | 961.6 | 12.7 | 10.6 | 70.0 | 2.6 | -2.4 | -0.9 | 290.2 | 312.0 | 8.4 | 87.0 | 0.0 | 0.0 | 0.0 |
| 95.9 | 95.9 | 95.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 8.7 | 502.4 | 950.0 | 13.0 | 11.3 | 99.9 | 99.9 | 99.9 | 99.9 | 291.5 | 314.7 | 8.9 | 89.2 | 99.9 | 99.9 | 99.9 |
| 1.1 | 10.7 | 726.4 | 925.0 | 11.2 | 10.0 | 99.9 | 99.9 | 99.9 | 99.9 | 291.9 | 313.9 | 8.4 | 92.4 | 99.9 | 99.9 | 99.9 |
| 1.9 | 12.9 | 955.0 | 900.0 | 9.6 | 8.6 | 99.9 | 99.9 | 99.9 | 99.9 | 292.4 | 313.1 | 7.8 | 93.8 | 99.9 | 99.9 | 99.9 |
| 2.7 | 15.1 | 1188.8 | 875.0 | 8.8 | 7.3 | 25.1 | 5.4 | -2.3 | -4.9 | 293.9 | 314.4 | 7.7 | 94.1 | 1.0 | 24.0 | 24.0 |
| 3.5 | 17.2 | 1424.6 | 850.0 | 9.5 | -8.7 | 330.2 | 5.2 | 2.6 | -4.5 | 296.4 | 303.2 | 2.4 | 26.8 | 1.3 | 23.8 | 23.8 |
| 4.4 | 19.5 | 1679.1 | 825.0 | 11.8 | -6.7 | 340.3 | 3.4 | 1.1 | -3.2 | 301.4 | 309.6 | 2.8 | 26.7 | 1.5 | 22.0 | 22.0 |
| 5.4 | 21.7 | 1935.5 | 800.0 | 10.0 | -5.3 | 356.0 | 3.8 | 0.3 | -3.8 | 302.2 | 311.6 | 3.2 | 33.6 | 1.6 | 21.8 | 21.8 |
| 6.4 | 24.1 | 2198.6 | 775.0 | 8.9 | -12.7 | 347.5 | 5.7 | 1.2 | -5.6 | 303.6 | 309.2 | 1.8 | 20.1 | 1.7 | 21.8 | 21.8 |
| 7.4 | 26.3 | 2469.0 | 750.0 | 7.1 | -14.8 | 346.1 | 7.3 | 1.7 | -7.1 | 304.5 | 309.5 | 1.6 | 19.2 | 2.2 | 21.8 | 21.8 |
| 8.4 | 28.9 | 2746.3 | 725.0 | 4.8 | -16.2 | 338.8 | 7.4 | 2.7 | -6.9 | 305.9 | 309.5 | 1.5 | 20.0 | 2.6 | 19.8 | 19.8 |
| 9.6 | 31.4 | 3031.2 | 700.0 | 2.7 | -14.5 | 321.3 | 5.5 | 3.4 | -6.3 | 305.7 | 311.1 | 1.8 | 26.9 | 3.0 | 19.8 | 19.8 |
| 10.7 | 34.1 | 3324.2 | 675.0 | 0.5 | -13.4 | 274.1 | 5.7 | 5.6 | -0.9 | 306.5 | 312.4 | 1.9 | 33.1 | 3.1 | 14.3 | 14.3 |
| 11.4 | 36.6 | 3620.0 | 650.0 | -1.7 | -14.4 | 270.4 | 7.4 | 7.4 | -0.1 | 307.3 | 313.2 | 1.9 | 37.1 | 3.1 | 17.8 | 17.8 |
| 12.9 | 39.3 | 3934.5 | 625.0 | -4.8 | -14.1 | 248.4 | 8.0 | 8.0 | 0.2 | 307.2 | 313.5 | 2.0 | 47.7 | 3.2 | 17.8 | 17.8 |
| 14.0 | 42.3 | 4250.1 | 600.0 | -7.7 | -15.1 | 252.1 | 8.7 | 9.8 | 2.7 | 307.4 | 313.4 | 2.0 | 55.1 | 3.3 | 15.8 | 15.8 |
| 15.1 | 44.9 | 4586.0 | 575.0 | -10.2 | -15.8 | 251.2 | 10.3 | 9.8 | 3.3 | 308.3 | 314.2 | 1.9 | 63.3 | 3.3 | 14.3 | 14.3 |
| 16.2 | 47.9 | 4926.9 | 550.0 | -13.0 | -15.6 | 254.6 | 11.3 | 10.9 | 3.0 | 308.9 | 315.2 | 2.1 | 81.1 | 3.7 | 13.4 | 13.4 |
| 17.5 | 50.8 | 5279.9 | 525.0 | -15.8 | -17.7 | 259.2 | 11.2 | 10.8 | 2.9 | 309.6 | 315.1 | 1.8 | 85.3 | 4.1 | 12.4 | 12.4 |
| 18.8 | 53.9 | 5645.8 | 500.0 | -18.6 | -34.3 | 248.3 | 14.0 | 13.0 | 5.2 | 310.4 | 312.0 | 0.5 | 27.6 | 4.8 | 11.8 | 11.8 |
| 20.3 | 57.0 | 6029.9 | 475.0 | -17.2 | -20.9 | 240.0 | 16.9 | 14.6 | 4.5 | 316.8 | 319.0 | 0.7 | 31.8 | 5.4 | 11.8 | 11.8 |
| 21.7 | 60.4 | 6433.9 | 450.0 | -19.4 | -33.4 | 254.0 | 18.3 | 17.6 | 5.0 | 318.3 | 323.0 | 0.5 | 28.5 | 7.0 | 7.8 | 7.8 |
| 23.1 | 63.4 | 6854.9 | 425.0 | -23.4 | -32.4 | 252.5 | 18.5 | 17.6 | 5.5 | 318.7 | 323.7 | 0.6 | 42.3 | 8.4 | 7.8 | 7.8 |
| 24.4 | 67.3 | 7294.7 | 400.0 | -27.6 | -33.7 | 248.3 | 18.7 | 17.4 | 6.8 | 319.2 | 321.0 | 0.5 | 55.2 | 9.3 | 7.8 | 7.8 |
| 25.9 | 70.9 | 7756.3 | 375.0 | -31.0 | -40.8 | 249.3 | 19.8 | 14.5 | 7.0 | 320.5 | 321.6 | 0.3 | 37.1 | 11.5 | 7.8 | 7.8 |
| 27.5 | 74.8 | 8241.5 | 350.0 | -35.0 | -43.3 | 252.1 | 20.6 | 14.8 | 6.4 | 321.4 | 322.3 | 0.2 | 42.4 | 11.3 | 7.8 | 7.8 |
| 29.1 | 79.0 | 8751.8 | 325.0 | -39.1 | 90.3 | 236.7 | 22.9 | 17.6 | 11.9 | 322.8 | 323.9 | 99.9 | 99.9 | 15.2 | 7.8 | 7.8 |
| 30.8 | 83.2 | 9297.7 | 300.0 | -43.4 | 99.9 | 229.5 | 26.1 | 19.9 | 17.0 | 324.2 | 324.9 | 99.9 | 99.9 | 17.5 | 7.8 | 7.8 |
| 32.5 | 87.6 | 9876.5 | 275.0 | -47.2 | 99.9 | 218.1 | 35.3 | 21.8 | 27.8 | 326.8 | 326.8 | 99.9 | 99.9 | 20.3 | 7.8 | 7.8 |
| 34.4 | 92.4 | 10501.3 | 250.0 | -52.9 | 99.9 | 213.7 | 44.0 | 24.0 | 36.9 | 327.4 | 327.4 | 99.9 | 99.9 | 24.2 | 7.8 | 7.8 |
| 37.0 | 97.4 | 11172.4 | 225.0 | -58.8 | 99.9 | 208.5 | 48.7 | 23.2 | 42.8 | 328.5 | 328.5 | 99.9 | 99.9 | 30.2 | 7.8 | 7.8 |
| 39.0 | 103.3 | 11903.7 | 200.0 | -62.5 | 99.9 | 227.6 | 43.6 | 33.7 | 30.8 | 333.8 | 333.8 | 99.9 | 99.9 | 35.5 | 7.8 | 7.8 |
| 41.8 | 108.3 | 12727.2 | 175.0 | -63.1 | 99.9 | 249.0 | 43.3 | 40.4 | 15.5 | 345.8 | 345.8 | 99.9 | 99.9 | 42.7 | 7.8 | 7.8 |
| 45.6 | 115.8 | 13690.1 | 150.0 | -58.3 | 99.9 | 261.9 | 36.7 | 35.4 | 5.3 | 369.7 | 369.7 | 99.9 | 99.9 | 52.0 | 7.8 | 7.8 |
| 49.8 | 123.5 | 14634.4 | 125.0 | -57.6 | 99.9 | 255.0 | 36.4 | 35.1 | 9.4 | 390.7 | 390.7 | 99.9 | 99.9 | 60.1 | 7.8 | 7.8 |
| 55.8 | 136.3 | 16254.0 | 100.0 | -53.6 | 99.9 | 242.2 | 24.7 | 21.9 | 11.5 | 424.2 | 424.2 | 99.9 | 99.9 | 70.8 | 7.8 | 7.8 |
| 62.0 | 141.3 | 18765.3 | 75.0 | -59.9 | 99.9 | 150.6 | 13.4 | -6.6 | 11.7 | 447.4 | 447.4 | 99.9 | 99.9 | 75.6 | 7.8 | 7.8 |
| 70.8 | 151.5 | 20607.2 | 50.0 | -57.9 | 99.9 | 243.5 | 2.4 | 2.2 | 1.1 | 507.2 | 507.2 | 99.9 | 99.9 | 75.9 | 7.8 | 7.8 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE
 OF POOR QUALITY

STATION NO. 562
NORTH PLATTE, NEB

24 APRIL 1975
515 GMT

141 39. 0

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DG C | DFT PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RH PCY | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 14.3 | 847.0 | 910.9 | 10.0 | 7.3 | 110.0 | 4.1 | -3.9 | 1.4 | 291.7 | 310.4 | 7.1 | 83.0 | 0.0 | 0. |
| 99.9 | 99.9 | 59.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 0.3 | 15.2 | 948.4 | 900.0 | 11.7 | 7.2 | 120.6 | 8.4 | -7.2 | 4.3 | 294.5 | 313.6 | 7.1 | 74.1 | 0.2 | 310. |
| 1.3 | 17.5 | 1124.8 | 875.0 | 13.8 | 5.3 | 127.3 | 11.9 | -9.5 | 7.2 | 299.0 | 316.6 | 6.4 | 56.6 | 0.7 | 315. |
| 1.9 | 20.0 | 1429.0 | 850.0 | 13.1 | 5.2 | 136.6 | 11.6 | -8.0 | 8.5 | 300.7 | 318.8 | 6.5 | 58.6 | 1.3 | 317. |
| 2.5 | 22.2 | 1679.5 | 825.0 | 11.3 | 4.1 | 143.0 | 9.0 | -5.4 | 7.2 | 301.4 | 318.7 | 6.2 | 61.0 | 1.7 | 310. |
| 3.4 | 25.9 | 1936.1 | 800.0 | 9.7 | 1.5 | 143.8 | 5.3 | -3.1 | 4.2 | 302.2 | 317.2 | 5.3 | 56.7 | 2.2 | 313. |
| 4.2 | 27.2 | 2199.3 | 775.0 | 8.0 | 0.2 | 134.7 | 2.1 | -1.5 | 1.5 | 303.1 | 317.3 | 5.0 | 57.6 | 2.2 | 318. |
| 5.1 | 29.9 | 2469.2 | 750.0 | 6.1 | -1.5 | 144.1 | 2.7 | -1.9 | -1.9 | 303.8 | 316.9 | 4.6 | 58.0 | 2.2 | 312. |
| 5.9 | 32.6 | 2746.2 | 725.0 | 4.1 | -4.3 | 5.9 | 4.1 | -0.4 | -4.1 | 304.5 | 315.6 | 3.9 | 54.4 | 2.2 | 317. |
| 6.7 | 35.3 | 3030.6 | 700.0 | 1.8 | -8.5 | 335.7 | 5.6 | 2.3 | -5.1 | 304.9 | 314.7 | 3.4 | 54.1 | 2.1 | 313. |
| 7.6 | 37.8 | 3322.9 | 675.0 | -0.1 | -8.7 | 310.9 | 8.3 | 6.4 | -5.5 | 305.9 | 314.6 | 2.9 | 52.4 | 1.7 | 218. |
| 8.6 | 40.5 | 3624.0 | 650.0 | -2.6 | -10.0 | 293.7 | 10.7 | 9.8 | -4.3 | 306.3 | 314.5 | 2.7 | 56.7 | 1.1 | 254. |
| 9.6 | 43.3 | 3933.8 | 625.0 | -5.3 | -10.0 | 278.2 | 11.8 | 11.7 | -1.7 | 306.7 | 315.2 | 2.9 | 69.4 | 0.4 | 310. |
| 10.6 | 46.2 | 4252.8 | 600.0 | -8.1 | -13.1 | 262.7 | 16.3 | 13.9 | -3.6 | 307.0 | 314.0 | 2.3 | 67.2 | 0.6 | 54. |
| 11.7 | 49.3 | 4582.1 | 575.0 | -10.6 | -17.2 | 263.6 | 17.1 | 16.6 | -4.0 | 307.7 | 313.0 | 1.7 | 58.0 | 1.6 | 94. |
| 12.7 | 52.1 | 4922.8 | 550.0 | -13.0 | -20.1 | 261.1 | 17.0 | 16.7 | -3.3 | 308.8 | 313.2 | 1.4 | 55.3 | 2.7 | 77. |
| 13.6 | 55.2 | 5275.6 | 525.0 | -15.7 | -23.8 | 274.3 | 15.8 | 15.7 | -1.7 | 309.6 | 313.0 | 1.1 | 49.9 | 3.7 | 74. |
| 14.9 | 58.4 | 5643.0 | 500.0 | -16.8 | -30.1 | 259.4 | 13.9 | 13.6 | 2.6 | 312.6 | 314.6 | 0.6 | 30.4 | 4.7 | 96. |
| 16.0 | 61.6 | 6024.7 | 475.0 | -19.1 | -28.9 | 241.4 | 14.4 | 12.7 | 6.8 | 314.4 | 316.8 | 0.7 | 41.3 | 6.4 | 70. |
| 17.2 | 65.2 | 6427.0 | 450.0 | -22.3 | -30.3 | 228.9 | 15.8 | 11.9 | 10.4 | 315.3 | 317.6 | 0.7 | 47.6 | 6.4 | 70. |
| 18.4 | 68.4 | 6845.3 | 425.0 | -24.6 | -36.8 | 222.9 | 16.4 | 11.2 | 12.0 | 317.5 | 318.5 | 0.3 | 25.1 | 7.4 | 80. |
| 20.1 | 72.0 | 7282.8 | 400.0 | -26.0 | -41.5 | 224.8 | 17.4 | 12.3 | 12.4 | 317.5 | 318.4 | 0.2 | 27.9 | 8.5 | 74. |
| 21.1 | 75.9 | 7741.2 | 375.0 | -32.6 | -54.9 | 230.4 | 15.4 | 11.9 | 9.7 | 319.3 | 319.6 | 0.1 | 9.1 | 9.8 | 71. |
| 22.7 | 79.7 | 8231.3 | 350.0 | -36.5 | -56.1 | 231.3 | 15.4 | 12.0 | 9.6 | 319.4 | 319.6 | 0.1 | 11.0 | 11.0 | 64. |
| 24.2 | 83.7 | 8731.4 | 325.0 | -41.6 | -56.1 | 234.2 | 17.2 | 14.8 | 8.8 | 319.4 | 319.9 | 99.9 | 99.9 | 12.5 | 67. |
| 26.0 | 87.8 | 9268.9 | 300.0 | -46.3 | -59.9 | 238.5 | 17.3 | 14.7 | 5.0 | 320.0 | 319.9 | 99.9 | 99.9 | 14.4 | 66. |
| 28.0 | 92.3 | 9840.5 | 275.0 | -51.5 | -59.9 | 238.1 | 18.5 | 15.7 | 9.8 | 320.6 | 319.9 | 99.9 | 99.9 | 16.5 | 65. |
| 30.2 | 97.0 | 10455.1 | 250.0 | -54.6 | -59.9 | 253.8 | 15.8 | 15.2 | 6.4 | 324.9 | 319.9 | 99.9 | 99.9 | 18.9 | 65. |
| 32.3 | 101.8 | 11121.6 | 225.0 | -59.9 | -59.9 | 246.6 | 13.7 | 12.5 | 5.4 | 326.7 | 319.9 | 99.9 | 99.9 | 20.5 | 64. |
| 34.8 | 107.3 | 11857.6 | 200.0 | -59.1 | -59.9 | 234.2 | 19.5 | 15.8 | 11.4 | 339.2 | 319.9 | 99.9 | 99.9 | 23.1 | 63. |
| 37.9 | 113.0 | 12690.1 | 175.0 | -59.6 | -59.9 | 246.7 | 24.6 | 22.8 | 9.8 | 351.7 | 319.9 | 99.9 | 99.9 | 27.4 | 63. |
| 41.7 | 119.3 | 13657.7 | 150.0 | -57.8 | -59.9 | 249.9 | 25.6 | 24.0 | 8.9 | 370.5 | 319.9 | 99.9 | 99.9 | 33.1 | 64. |
| 46.1 | 124.3 | 14812.9 | 125.0 | -55.0 | -59.9 | 245.1 | 19.2 | 17.4 | 8.1 | 395.4 | 319.9 | 99.9 | 99.9 | 38.9 | 65. |
| 51.3 | 134.3 | 16232.3 | 100.0 | -56.8 | -59.9 | 232.4 | 16.6 | 13.2 | 10.1 | 418.1 | 319.9 | 99.9 | 99.9 | 45.1 | 64. |
| 57.9 | 141.0 | 18043.9 | 75.0 | -60.7 | -59.9 | 240.4 | 16.6 | 14.4 | 8.2 | 445.6 | 319.9 | 99.9 | 99.9 | 52.0 | 64. |
| 67.1 | 150.0 | 20590.7 | 50.0 | -56.4 | -59.9 | 176.4 | 5.8 | -0.4 | 5.8 | 510.8 | 319.9 | 99.9 | 99.9 | 56.4 | 63. |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 606
PORTLAND, ME24 APRIL 1975
515 GMT

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DG C | CEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.6 | 20.0 | 1020.7 | 6.1 | 3.4 | 180.0 | 5.7 | 0.0 | 5.7 | 278.2 | 290.5 | 4.8 | 83.0 | 0.0 | 3. |
| 0.6 | 6.3 | 189.1 | 1009.0 | 9.6 | -2.6 | 210.5 | 11.1 | 5.6 | 5.6 | 283.1 | 291.6 | 3.2 | 42.4 | 0.3 | 15. |
| 1.3 | 8.6 | 399.6 | 975.0 | 10.7 | -10.6 | 208.4 | 12.9 | 7.1 | 11.3 | 286.2 | 291.1 | 1.8 | 21.2 | 0.8 | 25. |
| 2.0 | 10.8 | 615.8 | 950.0 | 9.9 | -10.1 | 196.1 | 13.8 | 3.8 | 13.3 | 287.5 | 292.7 | 1.9 | 23.7 | 1.4 | 24. |
| 2.7 | 12.2 | 836.4 | 925.0 | 8.1 | -10.7 | 191.3 | 14.2 | 2.8 | 13.9 | 287.6 | 293.2 | 1.9 | 26.1 | 2.0 | 21. |
| 3.5 | 15.5 | 1361.8 | 900.0 | 6.5 | -9.9 | 190.0 | 13.6 | 2.4 | 13.4 | 289.5 | 294.1 | 2.0 | 29.7 | 2.7 | 14. |
| 4.4 | 17.3 | 1291.9 | 875.0 | 4.6 | -11.3 | 185.6 | 11.8 | 1.2 | 11.8 | 288.8 | 294.0 | 1.8 | 30.4 | 3.3 | 16. |
| 5.1 | 20.3 | 1527.3 | 850.0 | 2.7 | -9.2 | 177.9 | 9.9 | -0.4 | 9.9 | 289.3 | 295.6 | 2.2 | 41.0 | 3.5 | 14. |
| 5.4 | 22.8 | 1764.0 | 825.0 | 0.7 | -9.3 | 180.4 | 8.7 | 0.1 | 8.7 | 289.6 | 295.1 | 2.3 | 46.8 | 4.2 | 13. |
| 6.7 | 25.3 | 2014.3 | 800.0 | -1.2 | -14.9 | 187.5 | 8.6 | 1.2 | 8.6 | 290.1 | 294.5 | 1.5 | 34.5 | 4.6 | 12. |
| 7.6 | 27.9 | 2266.5 | 775.0 | -2.9 | -24.7 | 192.3 | 10.5 | 2.2 | 10.3 | 290.8 | 292.8 | 0.7 | 16.6 | 5.1 | 12. |
| 8.5 | 30.6 | 2526.0 | 750.0 | -3.5 | -26.3 | 208.4 | 11.6 | 5.5 | 10.2 | 292.9 | 294.7 | 0.6 | 15.0 | 5.7 | 12. |
| 9.4 | 33.2 | 2793.4 | 725.0 | -4.4 | -27.5 | 225.2 | 12.3 | 8.7 | 8.7 | 294.7 | 296.4 | 0.5 | 14.5 | 6.4 | 15. |
| 10.4 | 35.9 | 3069.0 | 700.0 | -5.8 | -29.5 | 235.5 | 12.4 | 10.2 | 7.0 | 296.1 | 297.8 | 0.5 | 14.5 | 6.9 | 14. |
| 11.3 | 38.4 | 3353.2 | 675.0 | -7.5 | -21.2 | 235.4 | 11.6 | 10.0 | 5.9 | 297.4 | 300.6 | 1.0 | 32.3 | 7.5 | 24. |
| 12.3 | 41.4 | 3645.8 | 650.0 | -9.8 | -23.0 | 239.0 | 9.4 | 8.1 | 4.9 | 298.0 | 300.9 | 0.5 | 33.0 | 8.0 | 25. |
| 13.1 | 44.5 | 3946.9 | 625.0 | -12.7 | -19.3 | 246.5 | 8.4 | 7.7 | 3.4 | 298.1 | 302.1 | 1.3 | 58.0 | 8.5 | 27. |
| 14.4 | 47.5 | 4259.0 | 600.0 | -11.5 | -11.8 | 273.3 | 11.5 | 11.5 | -0.7 | 303.1 | 310.7 | 2.6 | 97.8 | 8.8 | 30. |
| 15.4 | 50.5 | 4584.5 | 575.0 | -13.5 | -13.8 | 276.9 | 13.6 | 13.5 | -1.2 | 304.4 | 311.3 | 2.3 | 97.6 | 9.1 | 34. |
| 16.5 | 53.6 | 4921.4 | 550.0 | -15.8 | -16.2 | 276.2 | 14.5 | 14.4 | -1.6 | 305.5 | 311.4 | 2.0 | 97.2 | 9.6 | 33. |
| 17.4 | 56.7 | 5270.8 | 525.0 | -18.1 | -18.5 | 275.5 | 17.3 | 17.2 | -1.7 | 306.6 | 312.0 | 1.7 | 96.9 | 10.1 | 44. |
| 18.6 | 60.0 | 5633.6 | 500.0 | -20.8 | -21.4 | 275.2 | 20.2 | 20.1 | -1.8 | 307.9 | 312.1 | 1.4 | 94.2 | 10.7 | 47. |
| 19.0 | 63.4 | 6011.1 | 475.0 | -23.6 | -24.4 | 275.8 | 21.9 | 21.9 | -1.1 | 308.9 | 312.4 | 1.1 | 92.5 | 12.2 | 54. |
| 21.2 | 66.7 | 6404.1 | 450.0 | -26.3 | -27.5 | 270.8 | 22.3 | 22.3 | -0.3 | 310.2 | 313.1 | 0.9 | 89.7 | 13.4 | 56. |
| 22.5 | 70.3 | 6815.5 | 425.0 | -29.0 | -30.5 | 265.5 | 23.6 | 23.6 | 0.2 | 311.9 | 314.2 | 0.7 | 86.2 | 15.1 | 62. |
| 23.0 | 74.3 | 7246.1 | 400.0 | -32.3 | -34.0 | 276.9 | 27.3 | 27.1 | -3.3 | 313.0 | 314.8 | 0.5 | 84.2 | 17.7 | 66. |
| 25.4 | 78.0 | 7695.7 | 375.0 | -34.3 | -35.8 | 294.3 | 26.5 | 24.1 | -10.9 | 316.2 | 317.3 | 0.5 | 83.6 | 19.0 | 77. |
| 24.8 | 81.8 | 8179.3 | 350.0 | -37.8 | -39.7 | 303.1 | 24.7 | 20.7 | -13.5 | 317.7 | 318.9 | 0.3 | 82.3 | 20.5 | 75. |
| 28.4 | 86.0 | 8685.5 | 325.0 | -41.8 | -39.9 | 294.3 | 27.5 | 25.1 | -11.3 | 319.1 | 319.9 | 99.9 | 99.9 | 22.4 | 80. |
| 30.6 | 90.5 | 9224.0 | 300.0 | -45.9 | -39.9 | 285.9 | 30.7 | 29.6 | -8.4 | 320.7 | 319.9 | 99.9 | 99.9 | 25.4 | 84. |
| 32.4 | 95.3 | 9797.0 | 275.0 | -50.9 | -39.9 | 276.7 | 34.5 | 34.1 | -5.2 | 321.5 | 319.9 | 99.9 | 99.9 | 28.5 | 88. |
| 34.4 | 100.0 | 10411.5 | 250.0 | -55.1 | -39.9 | 266.2 | 39.0 | 37.8 | -9.6 | 324.2 | 319.9 | 99.9 | 99.9 | 33.4 | 92. |
| 37.1 | 105.2 | 11075.0 | 225.0 | -61.3 | -39.9 | 285.7 | 44.0 | 42.4 | -11.9 | 324.6 | 319.9 | 99.9 | 99.9 | 36.7 | 91. |
| 39.5 | 110.8 | 11797.4 | 200.0 | -65.0 | -39.9 | 287.0 | 53.6 | 51.5 | -15.7 | 329.9 | 319.9 | 99.9 | 99.9 | 40.4 | 91. |
| 42.0 | 116.8 | 12625.5 | 175.0 | -60.9 | -39.9 | 302.9 | 21.9 | 18.4 | -11.9 | 349.5 | 319.9 | 99.9 | 99.9 | 51.2 | 95. |
| 45.4 | 123.4 | 13592.5 | 150.0 | -57.9 | -39.9 | 299.0 | 28.1 | 21.1 | -11.7 | 370.4 | 319.9 | 99.9 | 99.9 | 56.7 | 97. |
| 49.5 | 131.0 | 14766.2 | 125.0 | -56.4 | -39.9 | 296.2 | 26.0 | 23.3 | -11.5 | 392.9 | 319.9 | 99.9 | 99.9 | 61.8 | 99. |
| 55.3 | 138.8 | 16165.0 | 100.0 | -56.9 | -39.9 | 307.0 | 14.3 | 14.3 | -11.2 | 417.9 | 319.9 | 99.9 | 99.9 | 69.2 | 132. |
| 63.1 | 146.7 | 17983.8 | 75.0 | -57.6 | -39.9 | 292.5 | 16.9 | 15.7 | -6.5 | 452.1 | 319.9 | 99.9 | 99.9 | 76.2 | 103. |
| 73.8 | 155.3 | 20505.8 | 50.0 | -56.0 | -39.9 | 97.5 | 2.8 | -2.8 | 0.4 | 511.6 | 319.9 | 99.9 | 99.9 | 81.4 | 135. |
| 99.9 | 99.9 | 99.9 | 25.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

° PY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° PY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ° PY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 637
PLINT, MICH26 APRIL 1975
615 GMT

| TIME MIN | CNCT | WEIGHT GPM | PRES MB | TEMP DG C | LEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/RC | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.3 | 236.0 | 979.2 | 14.2 | 12.2 | 290.0 | 3.1 | 2.9 | -1.1 | 290.3 | 314.1 | 9.2 | 88.0 | 0.0 | 0 |
| 00.9 | 96.9 | 59.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 6.4 | 272.3 | 975.0 | 13.3 | 11.6 | 293.4 | 6.0 | 5.5 | -2.4 | 269.7 | 312.7 | 8.9 | 89.1 | 0.1 | 4.0 |
| 0.9 | 6.7 | 490.6 | 950.0 | 11.3 | 9.6 | 293.9 | 8.5 | 7.8 | -3.4 | 269.7 | 310.7 | 8.1 | 90.4 | 0.4 | 11.0 |
| 1.7 | 10.6 | 713.3 | 925.0 | 10.1 | 8.7 | 273.8 | 7.2 | 7.1 | -0.5 | 260.6 | 310.8 | 7.7 | 91.4 | 0.7 | 11.0 |
| 2.6 | 12.7 | 641.6 | 900.0 | 10.1 | 8.8 | 245.5 | 9.4 | 8.5 | 3.9 | 292.9 | 310.0 | 8.0 | 92.0 | 1.1 | 9.0 |
| 3.4 | 14.9 | 1176.4 | 875.0 | 10.1 | 8.8 | 246.8 | 13.0 | 11.9 | 9.1 | 295.4 | 317.2 | 8.2 | 91.7 | 1.6 | 8.0 |
| 4.4 | 16.9 | 1419.1 | 750.0 | 9.4 | 8.1 | 254.0 | 15.6 | 15.0 | 4.3 | 297.1 | 315.7 | 8.0 | 91.5 | 2.4 | 4.0 |
| 5.2 | 15.1 | 1655.5 | 75.0 | 7.9 | 6.3 | 250.1 | 17.1 | 16.6 | 4.1 | 297.9 | 317.7 | 7.3 | 89.0 | 3.2 | 8.0 |
| 6.0 | 21.3 | 1619.3 | 600.0 | 7.0 | 5.5 | 259.1 | 17.1 | 16.7 | 3.5 | 299.6 | 319.1 | 7.1 | 90.2 | 4.1 | 7.0 |
| 6.9 | 23.3 | 2180.2 | 775.0 | 5.3 | 3.9 | 262.5 | 16.8 | 16.7 | 1.9 | 300.3 | 318.4 | 6.6 | 90.9 | 4.9 | 7.0 |
| 7.8 | 25.3 | 2457.8 | 750.0 | 3.4 | 2.1 | 263.9 | 17.5 | 17.4 | 1.9 | 301.0 | 317.6 | 6.0 | 91.0 | 5.8 | 8.0 |
| 8.7 | 27.9 | 2722.4 | 725.0 | 1.8 | 0.5 | 263.7 | 17.0 | 16.9 | 1.9 | 302.2 | 317.6 | 5.5 | 90.3 | 6.8 | 8.0 |
| 9.5 | 30.3 | 3095.0 | 700.0 | -0.3 | -1.5 | 265.9 | 17.3 | 17.3 | 1.2 | 302.6 | 316.7 | 4.9 | 91.0 | 7.9 | 9.0 |
| 11.0 | 32.8 | 3295.6 | 675.0 | -1.7 | -2.9 | 272.2 | 16.9 | 16.9 | -0.6 | 304.3 | 317.4 | 4.6 | 91.4 | 9.1 | 8.0 |
| 12.2 | 35.3 | 3594.5 | 650.0 | -4.9 | -6.9 | 273.8 | 16.8 | 16.8 | -1.1 | 303.9 | 314.1 | 3.5 | 86.5 | 10.2 | 8.0 |
| 13.4 | 37.8 | 3902.1 | 625.0 | -6.9 | -10.7 | 278.7 | 16.9 | 16.7 | -2.5 | 304.9 | 312.9 | 2.7 | 74.7 | 11.5 | 8.0 |
| 14.6 | 40.3 | 4250.6 | 600.0 | -7.5 | -18.1 | 277.9 | 16.2 | 16.0 | -2.2 | 307.6 | 312.4 | 1.5 | 42.2 | 12.6 | 8.0 |
| 16.0 | 43.0 | 4550.9 | 575.0 | -9.3 | -18.3 | 271.4 | 12.8 | 12.8 | -0.3 | 309.3 | 314.2 | 1.6 | 47.7 | 13.9 | 8.0 |
| 17.4 | 45.6 | 4853.0 | 550.0 | -12.0 | -18.9 | 276.0 | 13.2 | 13.1 | -1.4 | 310.0 | 314.8 | 1.6 | 54.2 | 14.9 | 8.0 |
| 18.4 | 48.8 | 5266.9 | 525.0 | -15.3 | -21.0 | 277.6 | 14.4 | 14.3 | -1.9 | 310.1 | 314.4 | 1.4 | 61.8 | 15.9 | 8.0 |
| 19.8 | 51.6 | 5614.7 | 500.0 | -17.2 | -22.0 | 281.6 | 13.9 | 13.6 | -2.8 | 312.2 | 316.3 | 1.3 | 65.8 | 16.9 | 8.0 |
| 20.9 | 54.6 | 5957.1 | 475.0 | -20.2 | -25.1 | 287.9 | 15.8 | 15.0 | -4.9 | 313.0 | 316.4 | 1.0 | 64.9 | 17.4 | 8.0 |
| 22.2 | 57.7 | 6395.7 | 450.0 | -22.6 | -27.5 | 273.9 | 19.1 | 19.1 | -1.3 | 314.9 | 317.8 | 0.9 | 64.2 | 19.1 | 8.0 |
| 23.6 | 61.0 | 6812.7 | 425.0 | -25.7 | -29.8 | 255.6 | 21.6 | 20.9 | -5.4 | 316.1 | 316.6 | 0.7 | 68.1 | 20.3 | 8.0 |
| 25.0 | 64.4 | 7250.5 | 400.0 | -28.4 | -32.1 | 256.1 | 26.9 | 26.1 | 6.5 | 318.1 | 320.2 | 0.6 | 64.8 | 22.7 | 8.0 |
| 26.4 | 67.9 | 7709.7 | 375.0 | -31.8 | -36.7 | 245.9 | 27.1 | 24.7 | 11.1 | 319.4 | 320.9 | 0.4 | 61.4 | 25.0 | 8.0 |
| 28.0 | 71.3 | 8193.0 | 350.0 | -35.8 | -40.5 | 241.4 | 29.2 | 25.6 | 14.0 | 320.5 | 321.6 | 0.3 | 61.6 | 27.5 | 8.0 |
| 29.3 | 74.4 | 8703.4 | 325.0 | -40.5 | -49.9 | 247.5 | 35.5 | 37.8 | 13.6 | 320.8 | 320.8 | 99.9 | 99.9 | 30.4 | 8.0 |
| 30.6 | 76.5 | 9233.5 | 300.0 | -45.1 | -59.9 | 255.9 | 41.0 | 39.8 | 10.0 | 321.8 | 320.9 | 99.9 | 99.9 | 34.2 | 8.0 |
| 31.6 | 78.7 | 9816.7 | 275.0 | -49.5 | -69.9 | 255.8 | 47.6 | 42.2 | 11.6 | 323.6 | 323.6 | 99.9 | 99.9 | 40.0 | 8.0 |
| 33.9 | 86.2 | 12435.6 | 250.0 | -55.1 | -79.9 | 252.6 | 54.4 | 51.9 | 16.3 | 324.2 | 324.2 | 99.9 | 99.9 | 47.0 | 8.0 |
| 36.3 | 93.2 | 11181.2 | 225.0 | -59.5 | -89.9 | 259.8 | 63.2 | 62.2 | 11.2 | 327.3 | 327.3 | 99.9 | 99.9 | 55.0 | 8.0 |
| 40.4 | 98.5 | 11831.3 | 200.0 | -64.0 | -99.9 | 267.1 | 69.7 | 69.8 | 3.5 | 331.4 | 329.9 | 99.9 | 99.9 | 62.8 | 8.0 |
| 42.8 | 104.3 | 12657.6 | 175.0 | -59.7 | -99.9 | 281.2 | 50.5 | 49.5 | -0.9 | 351.4 | 329.9 | 99.9 | 99.9 | 72.3 | 8.0 |
| 46.1 | 110.8 | 13620.1 | 150.0 | -54.7 | -99.9 | 279.6 | 29.1 | 27.7 | -4.7 | 372.4 | 329.9 | 99.9 | 99.9 | 78.4 | 8.0 |
| 50.6 | 116.3 | 14777.6 | 125.0 | -54.9 | -99.9 | 267.8 | 35.3 | 35.3 | 1.3 | 395.7 | 329.9 | 99.9 | 99.9 | 86.0 | 8.0 |
| 54.1 | 127.0 | 16195.6 | 100.0 | -58.6 | -99.9 | 271.1 | 24.1 | 24.1 | -0.5 | 414.5 | 329.9 | 99.9 | 99.9 | 95.3 | 8.0 |
| 62.5 | 137.3 | 17589.6 | 75.0 | -63.1 | -99.9 | 264.9 | 14.3 | 13.8 | -2.7 | 440.6 | 329.9 | 99.9 | 99.9 | 101.0 | 8.0 |
| 72.0 | 147.5 | 20518.3 | 50.0 | -58.5 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 505.6 | 329.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 90.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TIME MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 645
GREEN BAY, WIS

20 APRIL 1975
515 GMT

| TIME MIN | CNTCT | HEIGHT GCM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U CUMP M/SEC | V CL4P M/SEC | POT 7 DG K | E POT 7 DG K | MR MTO GM/KG | RM PCT | RANGE KM | A7 CG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 00 | 002 | 213.0 | 682.4 | 10.0 | 6.0 | 340.0 | 4.1 | 1.4 | -3.9 | 285.4 | 300.9 | 6.0 | 74.0 | 0.0 | 0 |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 0.9 | 272.0 | 975.0 | 9.6 | 5.9 | 4.8 | 8.8 | -0.7 | -8.0 | 285.6 | 301.2 | 6.0 | 72.6 | 0.1 | 100 |
| 1.1 | 11.2 | 488.1 | 950.0 | 7.7 | 4.7 | 3.2 | 10.1 | -0.6 | -10.1 | 285.7 | 300.5 | 5.6 | 81.3 | 0.5 | 111 |
| 2.1 | 13.9 | 707.6 | 925.0 | 6.1 | 4.8 | 342.1 | 7.6 | 2.3 | -7.3 | 286.3 | 301.2 | 5.2 | 81.3 | 0.5 | 111 |
| 2.9 | 16.3 | 932.4 | 900.0 | 5.7 | 5.1 | 310.9 | 5.3 | 4.0 | -3.5 | 286.2 | 304.3 | 6.1 | 95.6 | 1.3 | 171 |
| 3.9 | 19.0 | 1167.0 | 875.0 | 4.5 | 3.9 | 299.2 | 6.5 | 5.6 | -3.2 | 289.2 | 304.6 | 5.8 | 95.4 | 1.3 | 171 |
| 4.9 | 21.6 | 1397.4 | 857.0 | 4.2 | 2.9 | 320.7 | 6.3 | 4.0 | -4.9 | 291.2 | 306.2 | 5.6 | 91.8 | 1.3 | 171 |
| 5.9 | 24.2 | 1643.2 | 825.0 | 6.3 | -0.3 | 260.8 | 5.2 | 5.1 | -1.3 | 295.8 | 309.4 | 4.5 | 64.6 | 2.2 | 171 |
| 6.7 | 26.9 | 1895.4 | 803.0 | 4.9 | 0.1 | 270.9 | 7.9 | 7.9 | -0.1 | 297.0 | 310.3 | 4.6 | 70.7 | 2.3 | 171 |
| 7.7 | 29.6 | 2114.3 | 775.0 | 4.3 | 0.0 | 287.4 | 11.1 | 10.6 | -3.3 | 259.0 | 312.9 | 5.0 | 73.9 | 2.7 | 171 |
| 8.7 | 32.4 | 2421.1 | 750.0 | 3.7 | -10.0 | 276.2 | 12.4 | 12.6 | -1.6 | 300.9 | 309.1 | 2.4 | 36.9 | 3.4 | 171 |
| 9.7 | 35.3 | 2695.6 | 725.0 | 2.3 | -15.0 | 275.7 | 13.4 | 12.4 | -1.2 | 302.2 | 307.1 | 1.6 | 26.4 | 4.1 | 171 |
| 10.9 | 38.1 | 2977.8 | 700.0 | 0.0 | -13.4 | 276.4 | 13.4 | 13.3 | -2.2 | 302.7 | 306.5 | 1.9 | 25.6 | 4.3 | 171 |
| 11.9 | 41.7 | 3257.4 | 675.0 | -2.7 | -13.5 | 276.7 | 13.6 | 13.6 | -1.5 | 302.9 | 308.8 | 2.0 | 42.9 | 5.7 | 171 |
| 13.1 | 44.1 | 3565.8 | 650.0 | -4.6 | -19.4 | 275.4 | 14.2 | 14.1 | -1.3 | 303.9 | 307.7 | 1.2 | 29.7 | 6.4 | 171 |
| 14.3 | 47.3 | 3873.4 | 625.0 | -6.9 | -23.3 | 276.3 | 16.0 | 15.9 | -1.7 | 304.7 | 307.7 | 0.9 | 25.9 | 7.4 | 171 |
| 15.4 | 50.4 | 4193.8 | 600.0 | -9.0 | -25.5 | 275.7 | 15.9 | 15.8 | -1.6 | 305.7 | 307.1 | 0.4 | 13.3 | 8.7 | 171 |
| 16.7 | 53.6 | 4519.2 | 575.0 | -10.6 | -26.5 | 280.7 | 17.0 | 16.7 | -3.2 | 307.6 | 307.7 | 0.0 | 1.0 | 9.3 | 171 |
| 18.0 | 56.7 | 4833.7 | 550.0 | -12.8 | -28.4 | 287.6 | 18.0 | 17.1 | -5.4 | 308.6 | 309.0 | 0.0 | 1.4 | 11.3 | 171 |
| 19.3 | 60.3 | 5212.2 | 525.0 | -16.1 | -31.9 | 287.1 | 18.3 | 17.4 | -5.7 | 309.0 | 307.5 | 0.1 | 7.1 | 12.9 | 171 |
| 20.6 | 63.9 | 5577.4 | 500.0 | -16.3 | -34.7 | 287.1 | 18.3 | 17.4 | -5.4 | 309.5 | 310.0 | 0.1 | 4.2 | 14.2 | 171 |
| 22.0 | 67.3 | 5956.2 | 475.0 | -22.8 | -41.7 | 283.3 | 17.4 | 17.0 | -4.0 | 309.7 | 310.4 | 0.2 | 15.9 | 15.7 | 171 |
| 23.5 | 70.9 | 6345.8 | 450.0 | -24.2 | -46.1 | 277.4 | 19.8 | 19.7 | -2.5 | 310.3 | 310.8 | 0.1 | 13.2 | 17.4 | 171 |
| 25.0 | 74.7 | 6760.4 | 425.0 | -25.9 | -46.4 | 276.2 | 21.3 | 21.2 | -1.6 | 310.7 | 311.2 | 0.1 | 17.1 | 18.1 | 171 |
| 26.5 | 78.4 | 7184.7 | 400.0 | -32.8 | -51.4 | 276.7 | 24.9 | 24.8 | -2.9 | 312.2 | 312.5 | 0.1 | 13.2 | 21.1 | 171 |
| 28.2 | 82.7 | 7640.8 | 375.0 | -36.3 | -54.5 | 276.0 | 26.1 | 26.0 | -1.9 | 313.5 | 313.7 | 0.1 | 13.2 | 23.4 | 171 |
| 30.1 | 87.2 | 8115.9 | 350.0 | -39.5 | -59.9 | 275.6 | 28.3 | 28.1 | -2.7 | 315.5 | 315.9 | 99.9 | 99.9 | 26.9 | 171 |
| 32.2 | 91.6 | 8616.9 | 325.0 | -42.6 | -59.9 | 273.5 | 28.5 | 28.5 | -1.7 | 317.9 | 317.9 | 99.9 | 99.9 | 30.3 | 171 |
| 34.2 | 96.2 | 9136.9 | 300.0 | -45.7 | -59.9 | 270.9 | 31.2 | 31.1 | -0.5 | 321.0 | 317.9 | 99.9 | 99.9 | 32.3 | 171 |
| 36.4 | 101.3 | 9732.5 | 275.0 | -49.1 | -59.9 | 269.1 | 33.7 | 33.7 | 0.6 | 324.1 | 317.9 | 99.9 | 99.9 | 37.9 | 171 |
| 38.6 | 106.3 | 10351.5 | 250.0 | -54.1 | -59.9 | 268.5 | 32.2 | 31.7 | 5.3 | 325.7 | 317.9 | 99.9 | 99.9 | 42.5 | 171 |
| 41.1 | 111.3 | 11020.2 | 225.0 | -59.0 | -59.9 | 256.4 | 35.6 | 34.3 | 9.5 | 328.1 | 317.9 | 99.9 | 99.9 | 47.2 | 171 |
| 44.0 | 117.9 | 11757.3 | 200.0 | -59.2 | -59.9 | 247.2 | 31.4 | 40.3 | 9.2 | 339.1 | 317.9 | 99.9 | 99.9 | 53.5 | 171 |
| 47.1 | 124.3 | 12595.3 | 175.0 | -59.7 | -59.9 | 246.8 | 41.4 | 41.2 | 3.8 | 351.4 | 317.9 | 99.9 | 99.9 | 61.1 | 171 |
| 50.6 | 130.8 | 13261.8 | 150.0 | -56.5 | -59.9 | 270.9 | 37.4 | 37.4 | -0.6 | 369.4 | 317.9 | 99.9 | 99.9 | 69.1 | 171 |
| 54.4 | 137.8 | 14725.8 | 125.0 | -53.9 | -59.9 | 267.9 | 25.4 | 25.4 | 1.0 | 397.4 | 317.9 | 99.9 | 99.9 | 76.4 | 171 |
| 58.9 | 144.5 | 16159.3 | 100.0 | -54.4 | -59.9 | 243.6 | 18.2 | 18.1 | 2.0 | 422.3 | 317.9 | 99.9 | 99.9 | 84.1 | 171 |
| 63.3 | 151.7 | 17978.7 | 75.0 | -50.8 | -59.9 | 233.9 | 13.8 | 13.2 | 3.8 | 447.6 | 317.9 | 99.9 | 99.9 | 92.6 | 171 |
| 74.2 | 159.0 | 23534.9 | 50.0 | -57.0 | -59.9 | 237.1 | 5.0 | 4.2 | 2.7 | 507.1 | 317.9 | 99.9 | 99.9 | 96.0 | 171 |
| 88.9 | 166.3 | 24974.0 | 25.0 | -52.6 | -59.9 | 938.0 | 99.9 | 99.9 | 99.9 | 634.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 D G

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 654
MURON, S D

26 APRIL 1975
515 GMT

| TIME MIN | CATY | WEIGHT GPH | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT V DEG K | E POT V DEG K | MX RTO CM/SEC | RN PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|------------------|-----------|-------------|-----------|
| 0.4 | 9.4 | 302.0 | 944.4 | 8.7 | 5.8 | 69.0 | 4.1 | -3.6 | -2.9 | 285.8 | 301.4 | 6.8 | 81.0 | 0.0 | 0.0 |
| 99.3 | 50.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 45.5 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 10.5 | 510.8 | 950.0 | 8.2 | 6.9 | 68.0 | 7.2 | -6.6 | -2.9 | 286.4 | 303.5 | 6.6 | 91.5 | 0.2 | 252.0 |
| 1.4 | 12.9 | 730.6 | 925.0 | 6.4 | 6.0 | 68.2 | 6.7 | -6.3 | -2.5 | 286.6 | 303.1 | 6.4 | 97.3 | 0.6 | 250.0 |
| 2.2 | 15.3 | 962.2 | 900.0 | 6.7 | 5.9 | 101.2 | 1.5 | -1.5 | 0.3 | 289.3 | 306.3 | 6.5 | 94.3 | 0.8 | 250.0 |
| 3.0 | 17.7 | 1193.1 | 875.0 | 6.7 | 6.4 | 150.9 | 1.4 | -0.6 | 1.3 | 289.4 | 305.3 | 6.0 | 97.8 | 0.6 | 254.0 |
| 3.9 | 20.3 | 1430.3 | 850.0 | 5.7 | -30.6 | 201.2 | 3.4 | 1.2 | 3.2 | 296.3 | 297.6 | 6.4 | 4.4 | 0.7 | 263.0 |
| 4.7 | 22.7 | 1677.5 | 825.0 | 6.7 | -10.9 | 232.0 | 4.1 | 3.2 | 2.5 | 298.1 | 304.3 | 2.0 | 23.8 | 0.6 | 276.0 |
| 5.6 | 25.7 | 1931.4 | 800.0 | 7.4 | -6.2 | 241.7 | 4.9 | 4.3 | 2.3 | 298.4 | 308.0 | 3.0 | 37.5 | 0.4 | 296.0 |
| 6.5 | 27.8 | 2191.4 | 775.0 | 5.3 | -5.4 | 254.0 | 3.9 | -1.8 | 1.0 | 299.9 | 309.4 | 3.3 | 45.8 | 0.3 | 329.0 |
| 7.4 | 30.6 | 2459.8 | 750.0 | 3.5 | -11.8 | 277.3 | 4.8 | 4.7 | -0.6 | 300.7 | 304.8 | 2.1 | 31.5 | 0.3 | 5.0 |
| 8.4 | 33.3 | 2732.9 | 725.0 | 1.0 | -16.6 | 284.6 | 7.8 | 7.6 | -2.0 | 301.6 | 306.0 | 1.4 | 24.1 | 0.4 | 60.0 |
| 9.4 | 35.9 | 3010.7 | 700.0 | -0.4 | -16.4 | 284.0 | 9.5 | 9.2 | -2.3 | 302.2 | 306.9 | 1.5 | 28.6 | 0.9 | 45.0 |
| 10.3 | 38.8 | 3304.2 | 675.0 | -2.6 | -17.7 | 278.6 | 9.9 | 9.0 | -1.5 | 302.7 | 307.1 | 1.4 | 30.7 | 1.5 | 92.0 |
| 11.4 | 41.5 | 3602.2 | 650.0 | -4.8 | -22.1 | 272.2 | 10.8 | 10.8 | -0.4 | 303.6 | 306.8 | 1.0 | 24.4 | 2.1 | 33.0 |
| 12.5 | 44.6 | 3795.3 | 625.0 | -7.4 | -18.3 | 268.0 | 10.9 | 10.9 | 0.2 | 304.1 | 305.4 | 1.4 | 39.0 | 2.9 | 92.0 |
| 13.5 | 47.5 | 4223.9 | 600.0 | -9.4 | -40.5 | 267.7 | 11.3 | 11.3 | 0.5 | 305.2 | 305.9 | 0.2 | 6.5 | 3.5 | 91.0 |
| 14.7 | 50.6 | 4553.5 | 575.0 | -11.5 | -38.4 | 270.4 | 13.2 | 13.2 | -0.1 | 306.5 | 307.3 | 0.2 | 8.0 | 4.4 | 91.0 |
| 15.8 | 53.4 | 4852.2 | 550.0 | -14.2 | -38.0 | 271.9 | 14.8 | 14.8 | -0.5 | 307.2 | 308.1 | 0.3 | 11.2 | 5.3 | 91.0 |
| 16.9 | 56.6 | 5243.4 | 525.0 | -16.8 | -41.0 | 270.9 | 15.4 | 15.4 | -0.2 | 308.2 | 308.6 | 0.2 | 10.2 | 6.3 | 91.0 |
| 18.3 | 60.9 | 5607.1 | 500.0 | -20.2 | -39.0 | 269.6 | 16.0 | 16.0 | 0.1 | 308.3 | 309.2 | 0.3 | 16.8 | 7.6 | 91.0 |
| 19.4 | 63.9 | 5985.3 | 475.0 | -22.6 | -32.4 | 262.7 | 19.9 | 19.7 | 2.5 | 310.0 | 311.7 | 0.5 | 40.1 | 9.0 | 90.0 |
| 21.0 | 68.8 | 6780.0 | 450.0 | -25.4 | -34.7 | 261.6 | 20.9 | 20.7 | 3.0 | 311.3 | 313.0 | 0.4 | 41.7 | 10.7 | 92.0 |
| 22.6 | 70.3 | 6791.9 | 425.0 | -28.9 | -38.4 | 266.0 | 19.4 | 19.3 | 1.1 | 311.9 | 313.6 | 0.3 | 39.2 | 12.6 | 84.0 |
| 24.0 | 73.9 | 7222.7 | 400.0 | -31.9 | -40.3 | 267.6 | 18.9 | 18.9 | 0.8 | 313.6 | 315.2 | 0.2 | 33.3 | 14.1 | 86.0 |
| 25.7 | 77.7 | 7675.6 | 375.0 | -35.4 | -45.9 | 259.3 | 19.6 | 19.3 | 3.6 | 314.6 | 315.2 | 0.2 | 99.9 | 18.3 | 86.0 |
| 27.4 | 81.5 | 8182.3 | 350.0 | -39.0 | -49.9 | 247.6 | 23.0 | 21.3 | 7.8 | 316.1 | 316.9 | 0.9 | 99.9 | 20.8 | 93.0 |
| 29.3 | 85.6 | 8655.6 | 325.0 | -42.9 | -59.9 | 241.5 | 24.3 | 21.4 | 11.6 | 317.6 | 317.6 | 0.9 | 99.9 | 23.9 | 91.0 |
| 31.5 | 90.0 | 9191.2 | 300.0 | -47.2 | -67.2 | 245.9 | 24.2 | 22.1 | 9.9 | 318.9 | 318.9 | 0.9 | 99.9 | 27.4 | 78.0 |
| 33.4 | 94.7 | 9761.2 | 275.0 | -51.8 | -69.9 | 243.4 | 16.9 | 24.1 | 12.1 | 320.2 | 320.2 | 0.9 | 99.9 | 30.9 | 77.0 |
| 36.2 | 99.4 | 10372.4 | 250.0 | -56.7 | -67.2 | 247.3 | 26.5 | 24.4 | 10.2 | 321.8 | 321.8 | 0.9 | 99.9 | 35.1 | 76.0 |
| 38.5 | 104.3 | 11036.5 | 22.0 | -60.0 | -69.9 | 252.8 | 26.2 | 25.0 | 7.7 | 326.6 | 326.6 | 0.9 | 99.9 | 39.5 | 74.0 |
| 41.0 | 110.0 | 11775.6 | 2.0 | -59.2 | -69.9 | 252.1 | 23.8 | 22.0 | 7.3 | 339.1 | 339.1 | 0.9 | 99.9 | 44.1 | 75.0 |
| 44.4 | 115.6 | 12619.2 | 1.0 | -55.6 | -69.9 | 253.1 | 24.7 | 23.7 | 7.2 | 358.2 | 358.2 | 0.9 | 99.9 | 48.4 | 75.0 |
| 48.8 | 122.0 | 13601.7 | 150.0 | -55.9 | -69.9 | 250.5 | 22.5 | 21.2 | 7.5 | 373.8 | 373.8 | 0.9 | 99.9 | 55.4 | 74.0 |
| 53.3 | 129.3 | 14761.5 | 125.0 | -55.6 | -69.9 | 244.5 | 22.4 | 20.3 | 9.7 | 384.4 | 384.4 | 0.9 | 99.9 | 62.3 | 73.0 |
| 58.6 | 136.4 | 16185.6 | 100.0 | -55.8 | -69.9 | 245.2 | 23.4 | 21.7 | 10.0 | 420.0 | 420.0 | 0.9 | 99.9 | 72.7 | 73.0 |
| 65.9 | 144.7 | 18031.9 | 75.0 | -55.7 | -69.9 | 248.2 | 27.2 | 25.3 | 10.1 | 450.1 | 450.1 | 0.9 | 99.9 | 79.3 | 73.0 |
| 76.2 | 154.0 | 20616.1 | 50.0 | -54.4 | -69.9 | 123.3 | 3.2 | -2.7 | 1.8 | 515.2 | 515.2 | 0.9 | 99.9 | 80.2 | 71.0 |
| 91.4 | 163.5 | 25093.2 | 24.0 | -52.1 | -69.9 | 107.9 | 7.5 | -7.1 | 3.3 | 635.1 | 635.1 | 0.9 | 99.9 | | |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 655
ST CLOUD, MINN24 APRIL 1975
515 GMT

| TIME MIN | CNTCT | WEIGHT GOM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KN | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.5 | 316.0 | 974.9 | 7.9 | 6.5 | 40.0 | 3.1 | -2.0 | -2.4 | 283.9 | 300.0 | 6.3 | 91.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.8 | 6.6 | 528.8 | 950.0 | 5.3 | 5.1 | 31.7 | 6.8 | -3.5 | -5.9 | 283.3 | 298.2 | 5.8 | 98.7 | 0.3 | 21.9 |
| 1.6 | 10.6 | 746.7 | 925.0 | 4.5 | 4.2 | 34.9 | 4.4 | -2.5 | -3.6 | 284.7 | 259.2 | 5.6 | 97.9 | 0.5 | 21.3 |
| 2.5 | 12.7 | 969.7 | 900.0 | 3.2 | 2.8 | 55.0 | 5.4 | -4.4 | -3.1 | 285.5 | 249.1 | 5.2 | 97.5 | 0.3 | 21.7 |
| 3.3 | 14.9 | 1157.7 | 875.0 | 3.0 | 2.5 | 61.7 | 5.9 | -5.2 | -2.8 | 287.6 | 301.4 | 5.3 | 96.6 | 1.0 | 22.3 |
| 4.2 | 17.0 | 1432.7 | 850.0 | 2.1 | 1.6 | 42.0 | 5.9 | -3.9 | -4.4 | 289.0 | 302.5 | 5.1 | 96.4 | 1.4 | 22.6 |
| 5.0 | 19.3 | 1673.9 | 825.0 | 1.7 | -3.4 | 334.6 | 4.1 | 1.8 | -3.7 | 290.9 | 300.8 | 3.6 | 68.9 | 1.6 | 22.2 |
| 6.0 | 21.5 | 1721.8 | 800.0 | 0.4 | -14.6 | 315.6 | 5.6 | 3.9 | -4.0 | 291.9 | 298.0 | 2.2 | 42.1 | 1.6 | 21.1 |
| 6.8 | 23.8 | 2175.8 | 775.0 | 0.9 | -32.5 | 316.9 | 5.5 | 3.7 | -4.0 | 294.8 | 295.4 | 0.3 | 6.1 | 1.7 | 20.2 |
| 7.9 | 26.1 | 2440.0 | 750.0 | 2.5 | -32.1 | 307.2 | 5.9 | 4.7 | -3.6 | 299.3 | 300.5 | 0.3 | 5.6 | 1.9 | 12.2 |
| 8.9 | 28.4 | 2713.0 | 725.0 | 0.6 | -33.1 | 300.2 | 6.4 | 5.5 | -3.3 | 300.2 | 301.2 | 0.3 | 5.8 | 2.0 | 12.3 |
| 9.9 | 31.4 | 2993.3 | 700.0 | -1.7 | -24.1 | 253.3 | 7.7 | 7.0 | -3.0 | 300.7 | 303.1 | 0.8 | 16.0 | 2.2 | 17.1 |
| 10.9 | 33.7 | 3251.7 | 675.0 | -3.0 | -29.8 | 291.1 | 9.2 | 8.5 | -3.3 | 302.3 | 303.8 | 0.5 | 10.5 | 2.5 | 10.3 |
| 12.0 | 36.3 | 3575.5 | 650.0 | -5.0 | -22.7 | 288.3 | 10.6 | 10.0 | -3.3 | 303.4 | 306.4 | 0.9 | 23.4 | 3.0 | 15.2 |
| 13.0 | 39.0 | 3946.2 | 625.0 | -7.6 | -22.4 | 282.3 | 10.6 | 10.4 | -2.3 | 303.6 | 307.5 | 1.0 | 29.2 | 3.5 | 14.5 |
| 14.1 | 41.6 | 4203.0 | 600.0 | -9.4 | -26.8 | 278.4 | 11.6 | 11.5 | -1.8 | 305.3 | 307.5 | 0.7 | 22.7 | 4.0 | 11.7 |
| 15.3 | 44.5 | 4510.1 | 575.0 | -12.0 | -32.2 | 282.1 | 13.8 | 13.5 | -2.9 | 306.0 | 307.4 | 0.4 | 18.6 | 4.4 | 11.1 |
| 16.4 | 47.5 | 4859.6 | 550.0 | -14.4 | -36.4 | 276.3 | 14.8 | 14.8 | -1.6 | 307.0 | 308.0 | 0.3 | 13.4 | 5.6 | 12.6 |
| 17.6 | 50.5 | 5219.2 | 525.0 | -17.5 | -40.4 | 999.9 | 99.9 | 99.9 | 99.9 | 307.4 | 308.1 | 0.2 | 11.4 | 999.9 | 99.9 |
| 18.9 | 53.6 | 5582.4 | 500.0 | -20.4 | -44.8 | 999.9 | 99.9 | 99.9 | 99.9 | 308.2 | 308.7 | 0.1 | 9.1 | 999.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 475.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 450.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 425.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 400.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 662

RAPID-CITY, S D

26 APRIL 1975

515 GMT

150 15. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT Y DG K | WIND GM/KG | RM PCT | RANGE FM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|---------------|-----------|-------------|----------|
| 0.0 | 15.4 | 966.0 | 899.8 | 7.8 | 6.7 | 150.0 | 3.6 | -1.8 | 3.1 | 290.5 | 308.6 | 6.9 | 93.0 | 9.0 | 7. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.8 | 17.6 | 1196.8 | 875.0 | 6.6 | 6.1 | 152.5 | 5.1 | -2.3 | 4.5 | 291.6 | 309.5 | 6.8 | 96.1 | 0.2 | 33.1 |
| 1.8 | 20.2 | 1434.8 | 850.0 | 5.7 | 5.3 | 182.2 | 6.8 | 0.3 | 6.8 | 293.0 | 312.6 | 6.6 | 96.8 | 0.6 | 33.9 |
| 2.7 | 22.6 | 1679.7 | 825.0 | 5.5 | 3.8 | 216.1 | 9.4 | 5.6 | 7.6 | 295.2 | 311.7 | 6.1 | 99.0 | 0.5 | 35.7 |
| 3.4 | 25.2 | 1931.0 | 800.0 | 3.9 | 2.7 | 235.1 | 8.8 | 7.2 | 5.0 | 296.0 | 312.0 | 5.8 | 92.2 | 1.2 | 12. |
| 4.5 | 27.6 | 2185.9 | 775.0 | 2.1 | 1.4 | 252.5 | 12.0 | 11.5 | 3.6 | 296.8 | 311.8 | 5.5 | 95.1 | 1.7 | 30. |
| 5.5 | 30.3 | 2453.7 | 750.0 | 2.2 | -5.1 | 245.6 | 15.7 | 14.3 | 6.5 | 299.5 | 309.5 | 3.5 | 58.4 | 2.4 | 48. |
| 5.3 | 33.1 | 2727.1 | 725.0 | 1.1 | -7.4 | 235.5 | 18.4 | 15.2 | 10.4 | 301.0 | 309.8 | 3.0 | 52.9 | 3.2 | 49. |
| 7.1 | 35.7 | 3082.6 | 700.0 | -0.8 | -8.9 | 233.9 | 20.1 | 16.2 | 11.8 | 301.9 | 310.1 | 2.8 | 54.3 | 4.1 | 49. |
| 7.9 | 38.4 | 3298.5 | 675.0 | -2.2 | -12.6 | 233.6 | 20.1 | 16.2 | 11.9 | 303.4 | 309.9 | 2.2 | 44.7 | 5.1 | 50. |
| 8.4 | 41.2 | 3596.9 | 650.0 | -5.1 | -12.1 | 232.8 | 18.0 | 14.3 | 10.9 | 303.5 | 310.4 | 2.3 | 57.6 | 6.2 | 51. |
| 10.0 | 44.1 | 3903.8 | 625.0 | -7.7 | -10.4 | 228.9 | 15.3 | 11.5 | 10.1 | 304.0 | 312.2 | 2.8 | 80.9 | 7.3 | 51. |
| 11.3 | 47.1 | 4220.3 | 600.0 | -9.9 | -14.9 | 226.8 | 15.2 | 11.1 | 10.4 | 304.9 | 311.0 | 2.0 | 66.9 | 8.4 | 50. |
| 12.4 | 50.1 | 4547.7 | 575.0 | -11.8 | -16.6 | 220.7 | 14.0 | 9.1 | 10.6 | 306.4 | 311.9 | 1.8 | 67.3 | 9.5 | 50. |
| 13.6 | 53.1 | 4866.1 | 550.0 | -14.7 | -19.4 | 218.2 | 12.0 | 7.4 | 9.4 | 306.8 | 311.4 | 1.5 | 67.3 | 10.4 | 47. |
| 14.7 | 56.1 | 5236.8 | 525.0 | -17.3 | -18.5 | 223.0 | 14.2 | 9.7 | 10.4 | 307.7 | 313.0 | 1.7 | 90.9 | 11.2 | 48. |
| 16.1 | 59.5 | 5600.5 | 500.0 | -20.3 | -22.0 | 224.0 | 16.9 | 11.7 | 12.1 | 308.4 | 312.5 | 1.3 | 85.7 | 12.5 | 48. |
| 17.5 | 63.3 | 5978.4 | 475.0 | -23.4 | -25.6 | 227.6 | 19.4 | 14.3 | 13.1 | 309.1 | 312.2 | 1.0 | 82.3 | 13.9 | 47. |
| 18.6 | 66.2 | 6371.9 | 450.0 | -26.3 | -29.3 | 229.1 | 19.2 | 14.5 | 12.6 | 310.2 | 312.6 | 0.7 | 75.9 | 15.4 | 47. |
| 19.0 | 69.3 | 6782.2 | 425.0 | -29.9 | -33.6 | 229.3 | 19.2 | 14.3 | 12.7 | 310.7 | 312.4 | 0.5 | 69.8 | 16.9 | 46. |
| 21.3 | 73.4 | 7211.1 | 400.0 | -33.6 | -37.6 | 231.9 | 21.0 | 16.5 | 12.9 | 311.3 | 312.5 | 0.4 | 67.2 | 18.5 | 46. |
| 22.7 | 77.4 | 7660.0 | 375.0 | -37.8 | -41.9 | 229.0 | 21.1 | 15.9 | 13.8 | 311.5 | 312.4 | 0.3 | 65.1 | 20.3 | 48. |
| 24.4 | 81.3 | 8131.1 | 350.0 | -42.0 | -45.0 | 233.0 | 19.3 | 15.4 | 11.6 | 312.0 | 99.9 | 99.9 | 99.9 | 22.3 | 48. |
| 26.1 | 85.6 | 8628.2 | 325.0 | -46.4 | -49.4 | 236.4 | 18.3 | 15.3 | 10.1 | 312.8 | 99.9 | 99.9 | 99.9 | 24.1 | 48. |
| 28.2 | 89.8 | 9155.9 | 300.0 | -49.8 | -52.9 | 241.4 | 23.7 | 20.8 | 11.3 | 315.2 | 99.9 | 99.9 | 99.9 | 26.8 | 50. |
| 30.3 | 94.8 | 9720.1 | 275.0 | -54.0 | -57.0 | 242.8 | 28.2 | 25.1 | 12.9 | 317.1 | 99.9 | 99.9 | 99.9 | 30.0 | 51. |
| 32.4 | 99.6 | 10330.4 | 250.0 | -58.8 | -61.8 | 240.7 | 26.7 | 23.3 | 13.0 | 324.7 | 99.9 | 99.9 | 99.9 | 33.5 | 52. |
| 34.8 | 104.8 | 10959.1 | 225.0 | -67.8 | -69.9 | 223.9 | 16.7 | 11.6 | 12.1 | 329.9 | 99.9 | 99.9 | 99.9 | 36.7 | 53. |
| 37.4 | 110.4 | 11737.7 | 200.0 | -61.0 | -69.9 | 229.2 | 23.8 | 18.0 | 15.5 | 336.2 | 99.9 | 99.9 | 99.9 | 39.6 | 51. |
| 40.5 | 116.5 | 12573.3 | 175.0 | -59.3 | -69.9 | 247.5 | 26.7 | 24.7 | 10.2 | 352.0 | 99.9 | 99.9 | 99.9 | 44.5 | 53. |
| 44.2 | 123.3 | 13541.4 | 150.0 | -58.1 | -69.9 | 256.3 | 23.4 | 22.7 | 5.5 | 369.9 | 99.9 | 99.9 | 99.9 | 50.0 | 55. |
| 49.7 | 130.5 | 14656.8 | 125.0 | -55.2 | -69.9 | 253.7 | 15.6 | 15.0 | 4.4 | 395.1 | 99.9 | 99.9 | 99.9 | 55.7 | 57. |
| 53.8 | 138.0 | 16125.1 | 100.0 | -53.4 | -69.9 | 233.8 | 18.4 | 14.9 | 10.9 | 424.6 | 99.9 | 99.9 | 99.9 | 60.8 | 57. |
| 60.2 | 145.3 | 17968.1 | 75.0 | -56.3 | -69.9 | 216.5 | 16.1 | 9.6 | 13.0 | 455.0 | 99.9 | 99.9 | 99.9 | 66.7 | 57. |
| 69.1 | 153.3 | 20539.8 | 50.0 | -55.7 | -69.9 | 199.9 | 4.9 | 1.7 | 4.6 | 512.3 | 99.9 | 99.9 | 99.9 | 72.2 | 57. |
| 83.7 | 181.0 | 24589.9 | 25.0 | -52.7 | -69.9 | 131.2 | 1.4 | -1.0 | 0.9 | 633.0 | 99.9 | 99.9 | 99.9 | 73.5 | 57. |

* BY SPOLED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEVE MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER24 APRIL 1975
526 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP CG C | CEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.0 | 180.0 | 998.0 | 20.3 | 14.7 | 190.0 | 5.2 | 0.9 | 5.1 | 295.0 | 322.8 | 10.6 | 70.0 | 0.0 | 0. |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.6 | 8.0 | 311.1 | 975.0 | 18.8 | 13.8 | 204.7 | 17.9 | 7.5 | 16.3 | 295.5 | 322.5 | 10.3 | 72.7 | 0.4 | 18. |
| 1.4 | 10.1 | 604.2 | 950.0 | 17.7 | 12.7 | 204.6 | 19.2 | 8.0 | 17.4 | 290.4 | 322.4 | 9.8 | 72.8 | 1.2 | 23. |
| 2.3 | 12.2 | 812.2 | 925.0 | 16.5 | 8.8 | 204.3 | 21.8 | 9.0 | 19.9 | 297.2 | 318.1 | 7.7 | 60.5 | 2.3 | 23. |
| 3.1 | 14.5 | 1025.0 | 930.0 | 14.2 | 12.7 | 209.2 | 19.6 | 9.6 | 17.1 | 297.6 | 325.1 | 10.4 | 90.7 | 3.4 | 24. |
| 4.0 | 16.5 | 1303.0 | 875.0 | 12.8 | 12.5 | 219.6 | 18.4 | 11.7 | 14.2 | 298.5 | 326.4 | 10.5 | 98.0 | 4.3 | 27. |
| 4.9 | 18.9 | 1546.5 | 850.0 | 11.3 | 11.2 | 222.2 | 20.7 | 11.9 | 15.3 | 299.3 | 325.9 | 9.9 | 99.7 | 5.4 | 28. |
| 5.8 | 21.1 | 1756.3 | 825.0 | 10.9 | 10.1 | 222.3 | 15.5 | 10.4 | 11.5 | 301.3 | 327.2 | 9.5 | 95.6 | 6.4 | 32. |
| 6.9 | 23.5 | 2053.5 | 800.0 | 10.3 | 4.5 | 223.1 | 14.0 | 9.6 | 10.2 | 303.0 | 321.5 | 6.6 | 67.2 | 7.3 | 33. |
| 7.9 | 25.8 | 2317.2 | 775.0 | 8.3 | 5.3 | 227.0 | 14.6 | 10.7 | 10.0 | 304.7 | 323.8 | 7.2 | 81.5 | 8.1 | 34. |
| 8.9 | 28.2 | 2587.8 | 750.0 | 6.6 | 4.8 | 232.1 | 15.6 | 12.5 | 9.7 | 306.7 | 324.9 | 7.2 | 88.1 | 9.0 | 35. |
| 9.9 | 30.8 | 2865.6 | 725.0 | 4.4 | 3.3 | 232.2 | 17.2 | 13.6 | 10.5 | 305.1 | 324.1 | 6.7 | 92.4 | 10.0 | 37. |
| 10.9 | 33.4 | 3151.6 | 700.0 | 4.3 | -10.8 | 240.4 | 16.9 | 14.7 | 8.3 | 307.5 | 314.8 | 2.4 | 32.4 | 10.9 | |
| 12.0 | 35.9 | 3437.1 | 675.0 | 3.6 | -10.0 | 256.5 | 18.5 | 18.0 | 4.3 | 310.1 | 318.1 | 2.7 | 36.3 | 12.0 | 4.. |
| 13.1 | 38.7 | 3752.6 | 650.0 | 1.7 | -3.8 | 265.1 | 19.1 | 19.1 | 0.3 | 311.5 | 324.6 | 4.4 | 66.5 | 13.0 | 4.. |
| 14.5 | 41.3 | 4067.9 | 625.0 | -0.6 | -5.6 | 271.7 | 17.9 | 17.9 | -0.5 | 312.3 | 324.4 | 4.1 | 69.0 | 14.0 | 5.. |
| 15.8 | 44.2 | 4393.2 | 600.0 | -2.9 | -9.0 | 262.0 | 17.0 | 16.8 | 2.4 | 313.2 | 323.0 | 3.2 | 62.6 | 15.2 | 53. |
| 17.3 | 47.1 | 4729.2 | 575.0 | -4.7 | -19.2 | 266.7 | 16.1 | 16.1 | 0.9 | 314.6 | 319.3 | 1.5 | 31.2 | 16.4 | 55. |
| 18.5 | 50.2 | 5077.1 | 550.0 | -7.8 | -20.7 | 275.0 | 19.2 | 19.1 | -1.7 | 315.0 | 319.3 | 1.3 | 34.3 | 17.5 | 58. |
| 19.9 | 53.1 | 5436.8 | 525.0 | -11.2 | -20.7 | 284.2 | 18.4 | 17.8 | -4.5 | 315.1 | 319.6 | 1.4 | 45.0 | 18.4 | 61. |
| 21.2 | 56.1 | 5804.8 | 500.0 | -14.9 | -21.5 | 281.6 | 19.3 | 18.9 | -3.9 | 315.0 | 319.4 | 1.4 | 56.6 | 19.8 | 64. |
| 22.5 | 59.6 | 6184.5 | 475.0 | -17.6 | -41.9 | 280.1 | 19.4 | 19.1 | -3.4 | 315.2 | 316.9 | 0.2 | 9.8 | 21.1 | 67. |
| 23.7 | 63.0 | 6597.5 | 450.0 | -20.2 | -43.7 | 281.3 | 17.8 | 17.5 | -3.5 | 317.9 | 319.5 | 0.2 | 10.0 | 22.2 | 62. |
| 25.3 | 66.4 | 7019.6 | 425.0 | -23.2 | -45.9 | 279.7 | 20.4 | 20.1 | -3.4 | 319.2 | 319.8 | 0.1 | 10.3 | 23.7 | 71. |
| 26.9 | 70.1 | 7461.2 | 400.0 | -24.9 | -47.1 | 278.0 | 23.0 | 22.8 | -3.2 | 322.6 | 323.1 | 0.1 | 10.5 | 25.9 | 73. |
| 28.7 | 73.8 | 7927.8 | 375.0 | -27.9 | -49.3 | 275.5 | 22.3 | 22.2 | -2.1 | 325.6 | 325.0 | 0.1 | 10.8 | 27.7 | 75. |
| 30.6 | 78.0 | 8419.4 | 350.0 | -31.7 | -52.1 | 269.6 | 24.9 | 24.9 | 0.2 | 325.9 | 326.2 | 0.1 | 11.1 | 30.5 | 77. |
| 32.3 | 82.0 | 8938.7 | 325.0 | -36.0 | -55.3 | 270.3 | 24.9 | 24.9 | -0.1 | 326.9 | 327.2 | 0.1 | 11.5 | 32.9 | 79. |
| 34.0 | 86.4 | 9488.6 | 300.0 | -41.1 | 99.9 | 273.0 | 24.9 | 24.9 | -1.3 | 327.5 | 999.9 | 99.9 | 999.9 | 35.3 | 72. |
| 35.8 | 91.2 | 10074.0 | 275.0 | -45.6 | 99.9 | 274.4 | 24.5 | 24.5 | -1.9 | 328.2 | 999.9 | 99.9 | 999.9 | 37.9 | 82. |
| 37.9 | 96.2 | 10702.0 | 250.0 | -51.1 | 99.9 | 279.2 | 22.1 | 21.8 | -3.6 | 330.2 | 999.9 | 99.9 | 999.9 | 40.6 | 81. |
| 40.2 | 101.4 | 11380.0 | 225.0 | -55.9 | 99.9 | 282.7 | 37.1 | 36.2 | -8.1 | 332.9 | 999.9 | 99.9 | 999.9 | 44.3 | 83. |
| 42.6 | 107.5 | 12121.0 | 200.0 | -60.9 | 99.9 | 280.2 | 43.4 | 42.8 | -7.7 | 336.3 | 999.9 | 99.9 | 999.9 | 50.1 | 85. |
| 45.5 | 113.7 | 12945.1 | 175.0 | -61.3 | 99.9 | 280.0 | 37.5 | 37.0 | -6.5 | 340.7 | 999.9 | 99.9 | 999.9 | 56.9 | 87. |
| 48.5 | 120.7 | 13909.9 | 150.0 | -60.5 | 99.9 | 271.3 | 31.0 | 31.0 | -0.7 | 365.8 | 999.9 | 99.9 | 999.9 | 63.1 | 88. |
| 52.1 | 128.7 | 15032.5 | 125.0 | -64.5 | 99.9 | 278.0 | 30.8 | 30.5 | -4.3 | 378.2 | 999.9 | 99.9 | 999.9 | 70.2 | 89. |
| 56.3 | 137.0 | 16385.3 | 100.0 | -67.1 | 99.9 | 264.3 | 22.1 | 22.0 | -2.2 | 398.1 | 999.9 | 99.9 | 999.9 | 76.6 | 93. |
| 61.9 | 146.0 | 19110.5 | 75.0 | -64.6 | 99.9 | 355.5 | 4.4 | 0.3 | -4.4 | 437.5 | 999.9 | 99.9 | 999.9 | 80.5 | 89. |
| 69.5 | 155.7 | 20591.2 | 50.0 | -61.9 | 99.9 | 297.4 | 2.7 | 2.4 | -1.2 | 497.6 | 999.9 | 99.9 | 999.9 | 82.5 | 89. |
| 92.1 | 165.7 | 24985.8 | 25.0 | -52.6 | 99.9 | 50.8 | 0.9 | -0.7 | -0.6 | 633.7 | 999.9 | 99.9 | 999.9 | 83.8 | 91. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE 11
OF POOR QUALITY

STATION NO. 22002
FT. SILL, CKLA

24 APRIL 1975
612 GMT

| TIME MIN | CNCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U CNMP M/SEC | V CCMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCY | RANGE KM | AZ DG |
|-------------|------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.9 | 362.0 | 964.4 | 20.4 | 19.1 | 180.0 | 4.5 | 0.0 | 4.5 | 298.6 | 336.8 | 14.6 | 92.0 | 0.0 | 0 |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 10.0 | 492.5 | 950.0 | 20.2 | 18.4 | 172.2 | 11.6 | -1.6 | 11.5 | 299.6 | 337.1 | 14.2 | 89.3 | 0.3 | 316 |
| 1.2 | 12.1 | 723.7 | 925.0 | 19.6 | 18.0 | 181.6 | 18.2 | 0.5 | 18.2 | 301.2 | 339.0 | 14.2 | 90.5 | 0.6 | 349 |
| 2.0 | 14.3 | 960.7 | 900.0 | 19.7 | 17.7 | 196.7 | 22.5 | 0.5 | 21.6 | 303.7 | 342.2 | 14.3 | 96.2 | 1.0 | 359 |
| 2.8 | 16.4 | 1204.8 | 875.0 | 20.5 | 15.8 | 212.4 | 23.2 | 12.6 | 19.6 | 308.1 | 342.6 | 13.1 | 74.5 | 1.0 | 9 |
| 3.7 | 18.8 | 1455.5 | 850.0 | 19.5 | 13.7 | 217.1 | 24.4 | 16.7 | 19.5 | 308.1 | 340.4 | 11.7 | 69.2 | 4.1 | 17 |
| 4.6 | 21.0 | 1712.1 | 825.0 | 17.2 | 13.3 | 224.4 | 21.8 | 16.7 | 17.0 | 308.4 | 340.9 | 11.8 | 77.9 | 5.4 | 22 |
| 5.5 | 23.4 | 1975.5 | 800.0 | 16.8 | 9.1 | 237.8 | 17.8 | 15.1 | 9.5 | 310.3 | 336.0 | 9.1 | 60.4 | 6.3 | 26 |
| 6.4 | 25.7 | 2245.6 | 775.0 | 15.0 | 0.9 | 243.6 | 15.2 | 13.6 | 6.7 | 310.7 | 326.4 | 5.4 | 39.0 | 7.1 | 31 |
| 7.3 | 28.1 | 2522.1 | 750.0 | 13.7 | -13.7 | 245.5 | 16.5 | 15.0 | 6.8 | 311.6 | 317.2 | 1.8 | 13.6 | 7.8 | 35 |
| 8.3 | 30.7 | 2816.1 | 725.0 | 11.0 | -14.2 | 245.5 | 18.0 | 16.4 | 7.5 | 311.8 | 317.2 | 1.8 | 15.5 | 8.7 | 34 |
| 9.3 | 33.3 | 3057.1 | 700.0 | 8.2 | -15.5 | 244.5 | 19.0 | 17.2 | 8.2 | 311.8 | 316.9 | 1.6 | 16.8 | 9.7 | 41 |
| 10.3 | 35.8 | 3395.7 | 675.0 | 5.5 | -16.8 | 243.5 | 19.4 | 17.4 | 8.6 | 312.0 | 316.8 | 1.5 | 18.1 | 10.8 | 44 |
| 11.3 | 38.4 | 3702.5 | 650.0 | 2.5 | -17.2 | 243.0 | 19.1 | 17.1 | 8.7 | 312.0 | 316.8 | 1.5 | 21.6 | 11.9 | 46 |
| 12.3 | 41.0 | 4017.6 | 625.0 | -0.7 | -18.3 | 243.5 | 19.9 | 17.8 | 8.9 | 311.9 | 316.4 | 1.4 | 24.7 | 13.0 | 47 |
| 13.3 | 43.9 | 4341.9 | 600.0 | -3.5 | -20.3 | 255.1 | 20.7 | 20.0 | 5.3 | 312.2 | 310.0 | 1.2 | 24.8 | 14.2 | 49 |
| 14.4 | 46.8 | 4678.5 | 575.0 | -6.6 | -25.0 | 261.9 | 25.0 | 24.7 | 3.6 | 315.9 | 318.8 | 0.9 | 17.0 | 15.5 | 52 |
| 15.6 | 49.9 | 5027.7 | 550.0 | -9.5 | -26.6 | 260.4 | 25.4 | 25.1 | 4.1 | 316.4 | 319.0 | 0.8 | 18.4 | 17.1 | 55 |
| 16.8 | 52.6 | 5388.7 | 525.0 | -10.2 | -28.2 | 258.4 | 26.2 | 25.7 | 5.3 | 316.2 | 318.6 | 0.7 | 21.2 | 18.7 | 57 |
| 18.1 | 55.6 | 5742.5 | 500.0 | -12.5 | -38.2 | 258.6 | 26.7 | 26.7 | 5.3 | 316.2 | 318.6 | 0.7 | 21.2 | 20.7 | 59 |
| 19.5 | 58.8 | 6144.6 | 475.0 | -12.6 | -41.8 | 265.6 | 27.0 | 26.9 | 2.1 | 322.3 | 323.1 | 0.3 | 10.3 | 22.7 | 61 |
| 20.9 | 62.1 | 6564.4 | 450.0 | -16.3 | -44.1 | 999.9 | 97.9 | 99.9 | 99.9 | 322.7 | 323.4 | 0.2 | 7.0 | 99.9 | 99.9 |
| 00.9 | 65.0 | 69.9 | 425.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 65.9 | 99.9 | 400.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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OF POOR QUALITY

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ORIGINAL PAGE IS

Sounding Data**24 April 1975****1200 GMT**

RECEIVED PACIFIC

STATION NO. 208
CHARLESTON, SC

24 APRIL 1975
1152 GMT

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP CG C | DEW PT CG C | CIR DG | SPED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|---------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.2 | 13.0 | 1022.0 | 19.4 | 13.3 | 190.0 | 3.2 | 0.0 | 3.4 | 292.0 | 316.7 | 9.5 | 66.0 | 0.0 | 0. |
| 0.6 | 5.8 | 200.5 | 1000.0 | 19.0 | 12.1 | 200.0 | 12.8 | 4.4 | 12.0 | 293.3 | 316.8 | 8.9 | 64.4 | 0.3 | 17. |
| 1.2 | 7.8 | 417.8 | 975.0 | 17.7 | 10.8 | 201.9 | 12.1 | 4.5 | 11.2 | 294.1 | 316.3 | 8.4 | 63.8 | 0.7 | 14. |
| 1.9 | 10.1 | 639.5 | 950.0 | 15.9 | 9.5 | 200.6 | 13.0 | 4.6 | 12.1 | 294.4 | 315.4 | 7.9 | 65.9 | 1.2 | 20. |
| 2.4 | 12.1 | 665.7 | 925.0 | 13.9 | 9.0 | 200.7 | 12.4 | 4.4 | 11.6 | 294.6 | 315.5 | 7.6 | 72.4 | 1.7 | 20. |
| 3.2 | 14.4 | 1096.4 | 900.0 | 11.8 | 8.7 | 206.9 | 11.1 | 5.0 | 9.9 | 294.7 | 315.9 | 7.9 | 81.5 | 2.2 | 21. |
| 3.9 | 16.4 | 1322.5 | 875.0 | 12.3 | -2.7 | 222.8 | 9.3 | 6.3 | 6.8 | 297.1 | 307.5 | 3.7 | 36.5 | 2.6 | 23. |
| 4.6 | 18.6 | 1571.2 | 850.0 | 12.1 | -10.5 | 222.0 | 6.5 | 5.2 | 5.2 | 299.1 | 305.1 | 2.0 | 19.5 | 2.9 | 26. |
| 5.3 | 20.8 | 1824.5 | 825.0 | 10.7 | -3.3 | 250.4 | 5.4 | 5.1 | 1.8 | 300.4 | 310.8 | 3.6 | 37.4 | 3.1 | 28. |
| 6.1 | 23.2 | 2075.9 | 800.0 | 8.1 | -0.6 | 253.5 | 6.6 | 6.3 | 1.9 | 300.4 | 313.4 | 4.6 | 54.2 | 3.3 | 32. |
| 6.9 | 25.5 | 2341.3 | 775.0 | 6.1 | -2.8 | 252.2 | 6.5 | 6.5 | 0.9 | 300.5 | 312.4 | 4.6 | 52.8 | 3.6 | 35. |
| 7.6 | 27.8 | 2605.4 | 750.0 | 5.8 | -21.0 | 276.0 | 5.6 | 5.6 | -0.6 | 302.9 | 306.0 | 1.0 | 12.0 | 3.8 | 39. |
| 8.4 | 30.3 | 2886.5 | 725.0 | 4.3 | 0.9 | 290.5 | 5.4 | 5.1 | -1.9 | 305.0 | 321.0 | 5.7 | 78.3 | 3.9 | 42. |
| 9.4 | 32.9 | 3171.9 | 700.0 | 3.0 | -0.5 | 299.3 | 6.4 | 5.6 | -3.1 | 306.5 | 321.6 | 5.3 | 77.7 | 4.0 | 47. |
| 10.3 | 35.5 | 3466.2 | 675.0 | 1.3 | -1.9 | 300.7 | 6.5 | 5.6 | -3.3 | 307.7 | 322.0 | 4.9 | 78.9 | 4.1 | 52. |
| 11.2 | 39.0 | 3765.1 | 650.0 | -0.5 | -3.5 | 255.0 | 6.3 | 5.5 | -3.1 | 308.9 | 322.2 | 4.5 | 80.0 | 4.2 | 56. |
| 12.2 | 40.6 | 4082.3 | 625.0 | -2.4 | -6.0 | 295.4 | 7.8 | 7.1 | -3.4 | 310.2 | 321.8 | 3.9 | 75.8 | 4.4 | 61. |
| 13.0 | 43.3 | 4406.0 | 600.0 | -4.0 | -9.0 | 296.9 | 9.3 | 8.3 | -4.2 | 311.9 | 321.6 | 3.2 | 67.9 | 4.7 | 65. |
| 14.0 | 46.3 | 4741.0 | 575.0 | -5.8 | -11.9 | 305.7 | 10.3 | 8.4 | -6.0 | 313.5 | 321.7 | 2.7 | 62.3 | 5.1 | 70. |
| 15.0 | 49.3 | 5087.7 | 550.0 | -8.6 | -17.0 | 303.7 | 11.6 | 9.6 | -6.4 | 314.0 | 319.8 | 1.8 | 50.7 | 5.4 | 76. |
| 16.0 | 52.0 | 5446.8 | 525.0 | -11.0 | -21.5 | 293.2 | 13.9 | 12.7 | -5.5 | 315.4 | 319.6 | 1.3 | 41.3 | 6.0 | 81. |
| 17.0 | 55.1 | 5819.7 | 500.0 | -14.0 | -26.7 | 291.8 | 16.5 | 15.3 | -6.1 | 316.0 | 318.9 | 0.9 | 33.0 | 6.9 | 85. |
| 18.3 | 58.1 | 6207.6 | 475.0 | -15.7 | -39.1 | 284.5 | 14.9 | 14.2 | -4.5 | 318.5 | 319.5 | 0.3 | 12.7 | 8.0 | 87. |
| 19.7 | 61.6 | 6618.6 | 450.0 | -17.3 | -39.1 | 284.5 | 13.7 | 12.4 | -5.7 | 321.5 | 322.5 | 0.3 | 12.9 | 9.1 | 91. |
| 21.1 | 65.0 | 7042.1 | 425.0 | -20.6 | -41.5 | 298.1 | 13.6 | 12.0 | -6.4 | 322.5 | 323.4 | 0.2 | 13.3 | 10.1 | 94. |
| 22.7 | 68.4 | 7495.5 | 400.0 | -24.1 | -44.1 | 289.5 | 17.3 | 16.3 | -5.8 | 323.6 | 324.3 | 0.2 | 13.7 | 11.4 | 96. |
| 24.3 | 72.0 | 7953.1 | 375.0 | -27.6 | -46.7 | 251.4 | 17.7 | 16.5 | -6.5 | 325.0 | 325.5 | 0.1 | 14.1 | 13.2 | 98. |
| 25.9 | 75.7 | 8445.6 | 350.0 | -31.8 | -49.9 | 291.6 | 20.0 | 18.6 | -7.4 | 325.8 | 326.2 | 0.1 | 14.6 | 14.9 | 107. |
| 27.6 | 79.7 | 8964.7 | 325.0 | -36.3 | -53.4 | 255.1 | 19.9 | 18.0 | -8.4 | 326.5 | 326.8 | 0.1 | 15.1 | 16.9 | 101. |
| 29.7 | 83.8 | 9514.9 | 300.0 | -40.5 | -59.9 | 294.4 | 16.5 | 15.0 | -6.8 | 328.3 | 329.9 | 99.9 | 99.9 | 19.2 | 103. |
| 32.1 | 88.0 | 10101.6 | 275.0 | -44.9 | -67.4 | 293.8 | 19.6 | 17.9 | -7.9 | 330.2 | 330.2 | 99.9 | 99.9 | 21.8 | 104. |
| 34.8 | 92.8 | 10723.2 | 250.0 | -49.6 | -69.9 | 292.7 | 21.9 | 20.2 | -8.5 | 332.3 | 332.3 | 99.9 | 99.9 | 25.1 | 175. |
| 37.5 | 97.6 | 11415.2 | 225.0 | -54.5 | -69.9 | 297.6 | 25.4 | 22.5 | -11.8 | 335.1 | 335.1 | 99.9 | 99.9 | 28.6 | 106. |
| 40.6 | 102.8 | 12169.1 | 200.0 | -60.1 | -69.9 | 302.3 | 29.7 | 25.1 | -15.9 | 337.6 | 337.6 | 99.9 | 99.9 | 33.7 | 108. |
| 43.9 | 108.8 | 12988.5 | 175.0 | -62.3 | -69.9 | 290.8 | 36.0 | 33.7 | -12.8 | 347.1 | 347.1 | 99.9 | 99.9 | 39.9 | 110. |
| 47.9 | 115.2 | 13947.2 | 150.0 | -59.0 | -69.9 | 293.6 | 29.3 | 26.8 | -11.7 | 368.5 | 368.5 | 99.9 | 99.9 | 47.1 | 111. |
| 52.4 | 122.3 | 15088.3 | 125.0 | -60.7 | -69.9 | 297.4 | 22.4 | 21.3 | -6.7 | 385.0 | 385.0 | 99.9 | 99.9 | 54.4 | 111. |
| 57.6 | 130.0 | 16449.6 | 100.0 | -67.4 | -69.9 | 279.3 | 13.0 | 12.8 | -2.1 | 397.6 | 397.6 | 99.9 | 99.9 | 60.5 | 111. |
| 63.7 | 138.7 | 18143.4 | 75.0 | -70.2 | -69.9 | 266.1 | 13.7 | 13.7 | 0.9 | 425.8 | 425.8 | 99.9 | 99.9 | 65.5 | 109. |
| 71.7 | 147.3 | 20644.3 | 50.0 | -61.6 | -69.9 | 359.5 | 6.5 | 0.1 | -6.5 | 498.5 | 498.5 | 99.9 | 99.9 | 69.3 | 111. |
| 84.6 | 157.0 | 25053.3 | 25.0 | -50.7 | -69.9 | 314.8 | 4.5 | 3.2 | -3.2 | 638.9 | 638.9 | 99.9 | 99.9 | 70.0 | 112. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 211
TAMPA, FLA

24 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCMF M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.0 | 0.0 | 1020.9 | 18.4 | 14.5 | 120.0 | 3.6 | -3.1 | 1.6 | 291.2 | 317.7 | 10.2 | 78.0 | 0.7 | 0. |
| 0.8 | 5.5 | 186.2 | 1000.0 | 19.3 | 12.9 | 123.6 | 12.6 | -10.5 | 7.0 | 293.7 | 318.4 | 9.4 | 66.6 | 0.4 | 301. |
| 1.7 | 7.4 | 404.2 | 975.0 | 18.9 | 12.2 | 132.6 | 11.8 | -8.7 | 8.0 | 295.4 | 319.8 | 9.2 | 65.3 | 1.0 | 306. |
| 2.5 | 5.5 | 626.6 | 950.0 | 16.6 | 11.1 | 137.1 | 11.5 | -7.8 | 6.4 | 295.4 | 318.8 | 8.8 | 69.0 | 1.6 | 309. |
| 3.4 | 11.3 | 853.8 | 925.0 | 15.3 | 9.4 | 142.5 | 8.9 | -5.4 | 7.1 | 296.0 | 317.6 | 8.1 | 67.9 | 2.2 | 312. |
| 4.4 | 13.5 | 1086.0 | 900.0 | 14.8 | 4.0 | 123.0 | 2.9 | -2.4 | 1.6 | 297.5 | 313.1 | 5.7 | 48.6 | 2.5 | 313. |
| 5.3 | 15.5 | 1324.4 | 875.0 | 14.9 | -2.4 | 73.6 | 4.6 | -4.4 | -1.3 | 299.7 | 310.3 | 3.7 | 30.9 | 2.7 | 311. |
| 6.1 | 17.6 | 1565.0 | 850.0 | 13.6 | -0.6 | 69.0 | 5.0 | -4.7 | -1.8 | 301.0 | 313.2 | 4.3 | 37.5 | 2.8 | 306. |
| 7.2 | 19.9 | 1819.6 | 825.0 | 12.1 | -3.0 | 104.2 | 4.4 | -4.3 | 1.1 | 301.9 | 312.6 | 3.7 | 34.6 | 3.0 | 302. |
| 8.2 | 25.0 | 2076.2 | 800.0 | 10.2 | -8.6 | 110.3 | 3.6 | -3.2 | 1.2 | 302.4 | 308.6 | 2.5 | 25.3 | 3.3 | 301. |
| 9.3 | 29.4 | 2340.1 | 775.0 | 10.7 | -19.3 | 36.6 | 1.7 | -1.0 | -1.3 | 305.4 | 308.7 | 1.1 | 10.3 | 3.4 | 301. |
| 10.5 | 28.8 | 2612.7 | 750.0 | 10.1 | -21.4 | 17.7 | 2.3 | -0.7 | -2.2 | 307.7 | 310.6 | 0.9 | 8.9 | 3.3 | 297. |
| 11.6 | 29.2 | 2893.5 | 725.0 | 6.8 | -22.0 | 346.6 | 0.8 | 0.2 | -0.8 | 309.2 | 312.1 | 0.9 | 9.2 | 3.3 | 294. |
| 12.7 | 31.9 | 3182.3 | 700.0 | 6.5 | -21.9 | 7.1 | 1.8 | -0.2 | -1.8 | 309.8 | 312.9 | 0.9 | 10.9 | 3.3 | 295. |
| 13.9 | 34.5 | 3480.1 | 675.0 | 5.8 | -20.5 | 16.5 | 4.4 | -1.3 | -4.3 | 312.3 | 315.9 | 1.1 | 13.0 | 3.2 | 292. |
| 15.1 | 37.0 | 3787.4 | 650.0 | 3.4 | -15.9 | 17.6 | 6.0 | -1.8 | -5.7 | 313.0 | 316.4 | 1.7 | 22.8 | 3.2 | 284. |
| 16.3 | 35.6 | 4104.4 | 625.0 | 1.4 | -17.0 | 19.1 | 5.7 | -1.9 | -5.4 | 314.2 | 316.4 | 1.6 | 23.9 | 3.3 | 277. |
| 17.8 | 45.4 | 4432.3 | 600.0 | 0.5 | -12.8 | 5.0 | 8.4 | -0.7 | -8.4 | 317.0 | 323.4 | 2.4 | 36.4 | 3.4 | 267. |
| 19.3 | 48.4 | 4772.5 | 575.0 | -2.2 | -10.0 | 355.5 | 10.8 | 0.9 | -10.7 | 317.8 | 327.4 | 3.1 | 54.5 | 3.6 | 253. |
| 20.7 | 48.4 | 5124.5 | 550.0 | -4.5 | -12.5 | 345.6 | 11.4 | 2.8 | -11.1 | 319.1 | 327.4 | 2.7 | 53.4 | 3.8 | 238. |
| 22.2 | 51.3 | 5489.1 | 525.0 | -7.3 | -15.6 | 338.0 | 12.2 | 4.6 | -11.2 | 315.9 | 326.8 | 2.2 | 51.0 | 4.2 | 224. |
| 23.6 | 58.4 | 5867.3 | 500.0 | -10.6 | -14.6 | 335.1 | 11.6 | 4.9 | -10.5 | 320.3 | 328.2 | 2.5 | 72.6 | 4.7 | 212. |
| 25.2 | 57.4 | 6260.3 | 475.0 | -13.1 | -20.6 | 319.7 | 10.4 | 6.7 | -7.9 | 321.9 | 327.0 | 1.6 | 53.2 | 5.2 | 203. |
| 26.8 | 60.9 | 6570.2 | 450.0 | -15.7 | -29.5 | 303.1 | 11.6 | 9.7 | -6.4 | 323.5 | 326.1 | 0.7 | 29.4 | 5.7 | 192. |
| 28.4 | 64.3 | 7059.3 | 425.0 | -16.4 | -36.4 | 282.5 | 12.2 | 10.7 | -5.8 | 325.4 | 326.8 | 0.4 | 18.7 | 6.1 | 182. |
| 30.2 | 67.7 | 7550.3 | 400.0 | -20.4 | -41.4 | 290.7 | 13.9 | 13.0 | -4.5 | 328.5 | 328.4 | 0.2 | 13.2 | 6.7 | 171. |
| 31.9 | 71.3 | 8024.8 | 375.0 | -23.8 | -45.3 | 292.6 | 14.7 | 13.6 | -5.7 | 330.1 | 330.7 | 0.2 | 11.6 | 7.6 | 161. |
| 33.9 | 75.2 | 8525.0 | 350.0 | -27.5 | -43.0 | 287.3 | 14.8 | 13.2 | -6.8 | 331.6 | 332.5 | 0.2 | 21.3 | 8.9 | 153. |
| 35.9 | 79.3 | 9051.2 | 325.0 | -32.1 | -42.2 | 300.8 | 17.2 | 14.8 | -8.8 | 332.4 | 333.4 | 0.3 | 35.4 | 10.5 | 144. |
| 38.0 | 83.4 | 9612.9 | 300.0 | -36.7 | -45.2 | 298.5 | 18.2 | 15.9 | -8.8 | 333.5 | 334.3 | 0.2 | 40.5 | 12.6 | 143. |
| 40.3 | 87.8 | 10208.8 | 275.0 | -41.9 | -49.9 | 305.2 | 17.9 | 14.6 | -10.3 | 334.6 | 334.9 | 99.9 | 99.9 | 15.0 | 139. |
| 42.8 | 92.8 | 10846.2 | 250.0 | -47.5 | -49.9 | 304.9 | 21.5 | 17.6 | -14.3 | 335.5 | 335.9 | 99.9 | 99.9 | 17.8 | 137. |
| 45.5 | 97.6 | 11534.0 | 225.0 | -52.8 | -49.9 | 301.8 | 24.2 | 20.6 | -12.8 | 337.6 | 337.6 | 99.9 | 99.9 | 21.4 | 135. |
| 48.4 | 103.3 | 12284.6 | 200.0 | -58.5 | -49.9 | 305.2 | 27.8 | 22.7 | -16.0 | 340.1 | 340.1 | 99.9 | 99.9 | 26.1 | 133. |
| 51.5 | 105.5 | 13112.2 | 175.0 | -64.1 | -49.9 | 301.7 | 26.8 | 22.8 | -14.1 | 344.2 | 344.2 | 99.9 | 99.9 | 31.3 | 131. |
| 55.0 | 115.8 | 14065.1 | 150.0 | -60.1 | -49.9 | 301.5 | 22.4 | 19.1 | -11.7 | 366.6 | 366.6 | 99.9 | 99.9 | 36.0 | 110. |
| 59.1 | 123.3 | 15190.8 | 125.0 | -64.6 | -49.9 | 258.2 | 20.0 | 17.6 | -9.4 | 378.0 | 378.0 | 99.9 | 99.9 | 41.0 | 128. |
| 63.9 | 131.7 | 16443.1 | 100.0 | -65.4 | -49.9 | 278.4 | 11.3 | 11.2 | -1.6 | 393.7 | 393.7 | 99.9 | 99.9 | 44.9 | 126. |
| 69.5 | 140.3 | 18224.9 | 75.0 | -73.5 | -49.9 | 260.9 | 9.0 | 8.8 | -1.7 | 418.9 | 418.9 | 99.9 | 99.9 | 47.8 | 125. |
| 77.4 | 149.7 | 20670.2 | 50.0 | -61.1 | -49.9 | 8.0 | 4.9 | -0.7 | -4.8 | 499.6 | 499.6 | 99.9 | 99.9 | 50.5 | 126. |
| 90.2 | 159.3 | 25089.2 | 25.0 | -52.8 | -49.9 | 60.5 | 4.5 | -3.9 | -2.2 | 633.4 | 633.4 | 99.9 | 99.9 | 50.5 | 131. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 213
WAYCROSS, GA24 APRIL 1975
1115 GMT

| TIME MIN | CATCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT T DG K | E POT Y DG K | MX RTO GM/KG | PH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 3.2 | 44.0 | 1016.6 | 15.6 | 15.0 | 60.0 | 1.6 | -1.4 | -0.8 | 298.8 | 315.9 | 10.6 | 96.0 | 0.0 | 0. |
| 0.4 | 4.7 | 144.5 | 1000.0 | 16.5 | 14.3 | 99.9 | 99.9 | 99.9 | 99.9 | 291.0 | 317.6 | 10.3 | 87.1 | 999.9 | 999. |
| 1.2 | 6.5 | 400.8 | 975.0 | 17.4 | 12.9 | 99.9 | 99.9 | 99.9 | 99.9 | 294.0 | 319.3 | 9.7 | 74.8 | 999.9 | 999. |
| 1.9 | 9.4 | 622.7 | 950.0 | 16.3 | 9.1 | 186.3 | 11.9 | 1.3 | 11.9 | 294.8 | 315.3 | 7.7 | 62.6 | 1.2 | 359. |
| 2.7 | 11.6 | 845.3 | 925.0 | 14.9 | 9.6 | 189.8 | 11.0 | 1.9 | 10.2 | 295.6 | 317.5 | 8.2 | 70.7 | 1.8 | 2. |
| 3.5 | 14.2 | 1081.3 | 900.0 | 14.4 | 7.3 | 183.2 | 8.2 | 0.5 | 8.2 | 297.3 | 316.8 | 7.2 | 62.4 | 2.2 | 3. |
| 4.2 | 16.5 | 1319.1 | 875.0 | 12.9 | 8.7 | 184.7 | 3.9 | 0.4 | 3.8 | 298.3 | 320.2 | 8.1 | 75.7 | 2.5 | 3. |
| 5.1 | 19.1 | 1562.5 | 850.0 | 11.5 | 8.3 | 221.3 | 4.6 | 3.0 | 3.5 | 299.3 | 321.3 | 8.1 | 80.4 | 2.7 | 5. |
| 6.0 | 21.6 | 1811.8 | 825.0 | 9.6 | 9.1 | 265.2 | 5.6 | 5.6 | 6.1 | 299.9 | 323.8 | 8.8 | 96.3 | 2.8 | 9. |
| 6.8 | 24.3 | 2367.5 | 800.0 | 10.1 | -25.6 | 269.8 | 4.1 | 4.1 | 0.0 | 302.0 | 304.1 | 0.7 | 6.7 | 2.9 | 14. |
| 7.7 | 26.8 | 2310.7 | 775.0 | 9.2 | -44.3 | 271.7 | 0.7 | 0.7 | -0.0 | 303.7 | 304.0 | 0.1 | 1.0 | 2.9 | 16. |
| 8.5 | 29.7 | 2601.3 | 750.0 | 8.5 | -3.6 | 23.7 | 1.9 | -0.8 | -1.7 | 306.2 | 316.1 | 3.4 | 36.4 | 2.9 | 16. |
| 9.4 | 32.5 | 2891.2 | 725.0 | 6.7 | -3.0 | 10.6 | 3.7 | -0.7 | -3.7 | 307.3 | 319.7 | 4.2 | 50.0 | 2.7 | 15. |
| 10.3 | 35.4 | 3162.6 | 700.0 | 4.6 | -3.0 | 352.9 | 5.5 | 0.7 | -5.5 | 308.2 | 321.0 | 4.4 | 57.7 | 2.5 | 15. |
| 11.4 | 38.2 | 3464.0 | 675.0 | 2.2 | -1.8 | 340.6 | 6.4 | 2.1 | -6.1 | 308.7 | 323.2 | 5.0 | 75.1 | 2.1 | 22. |
| 12.4 | 41.9 | 3768.3 | 650.0 | 1.1 | -2.8 | 330.5 | 7.4 | 3.6 | -6.4 | 310.8 | 324.9 | 4.8 | 75.6 | 1.9 | 31. |
| 13.4 | 44.1 | 4022.9 | 625.0 | -1.3 | -4.7 | 329.6 | 8.7 | 4.4 | -7.5 | 311.6 | 324.3 | 4.3 | 77.1 | 1.7 | 40. |
| 14.5 | 47.4 | 4404.1 | 600.0 | -2.6 | -7.4 | 322.4 | 8.5 | 5.2 | -6.8 | 313.5 | 324.6 | 3.7 | 69.6 | 1.7 | 66. |
| 15.6 | 50.6 | 4744.7 | 575.0 | -4.6 | -7.8 | 305.7 | 7.6 | 6.2 | -4.4 | 315.1 | 326.3 | 3.7 | 78.2 | 1.9 | 81. |
| 16.8 | 53.9 | 5044.3 | 550.0 | -6.0 | -13.1 | 297.3 | 8.5 | 7.6 | -3.9 | 317.2 | 325.2 | 2.5 | 57.3 | 2.4 | 83. |
| 17.9 | 57.1 | 5456.6 | 525.0 | -9.3 | -15.3 | 257.1 | 9.1 | 8.1 | -4.1 | 317.5 | 324.5 | 2.2 | 61.5 | 2.9 | 95. |
| 19.1 | 60.7 | 5832.2 | 500.0 | -11.8 | -18.6 | 292.8 | 10.8 | 9.9 | -4.2 | 318.8 | 324.4 | 1.8 | 57.0 | 3.4 | 99. |
| 20.4 | 64.4 | 6221.9 | 475.0 | -14.1 | -19.1 | 286.5 | 12.6 | 11.9 | -4.0 | 320.7 | 326.5 | 1.6 | 65.5 | 4.5 | 126. |
| 21.6 | 68.0 | 6632.5 | 450.0 | -16.6 | -23.5 | 295.7 | 13.5 | 12.1 | -5.8 | 322.4 | 325.7 | 1.0 | 42.0 | 5.4 | 102. |
| 22.9 | 71.3 | 7060.3 | 425.0 | -19.4 | -29.3 | 255.0 | 16.4 | 14.8 | -6.9 | 324.1 | 326.8 | 0.8 | 40.7 | 6.6 | 135. |
| 24.4 | 74.3 | 7507.9 | 400.0 | -22.9 | -31.5 | 290.4 | 18.5 | 17.3 | -6.4 | 325.2 | 327.6 | 0.7 | 45.3 | 9.1 | 109. |
| 26.0 | 80.1 | 7977.7 | 375.0 | -26.6 | -33.7 | 289.2 | 20.9 | 19.7 | -6.9 | 326.3 | 328.4 | 0.6 | 51.1 | 9.9 | 177. |
| 27.7 | 84.5 | 8472.2 | 350.0 | -30.6 | -40.7 | 299.7 | 19.7 | 17.1 | -9.7 | 327.5 | 328.6 | 0.3 | 32.1 | 12.0 | 104. |
| 29.5 | 89.0 | 8934.1 | 325.0 | -34.8 | -44.9 | 300.0 | 24.7 | 21.4 | -12.3 | 328.7 | 329.5 | 0.2 | 34.4 | 14.3 | 110. |
| 31.3 | 94.0 | 9348.2 | 300.0 | -38.7 | -53.7 | 294.8 | 24.1 | 21.9 | -10.1 | 330.7 | 331.0 | 0.1 | 18.7 | 17.1 | 111. |
| 33.3 | 98.0 | 10140.6 | 275.0 | -43.2 | -59.9 | 296.2 | 23.3 | 20.9 | -10.3 | 332.6 | 330.9 | 99.9 | 99.9 | 16.8 | 112. |
| 35.8 | 104.4 | 10776.6 | 250.0 | -47.6 | -59.9 | 299.3 | 28.1 | 24.5 | -12.7 | 335.3 | 339.9 | 99.9 | 99.9 | 23.5 | 113. |
| 38.1 | 110.2 | 11461.9 | 225.0 | -53.1 | -59.3 | 293.9 | 30.6 | 28.0 | -12.4 | 337.2 | 339.9 | 99.9 | 99.9 | 27.6 | 113. |
| 40.9 | 116.3 | 12212.0 | 200.0 | -59.5 | -59.9 | 289.9 | 35.0 | 32.9 | -11.9 | 338.6 | 339.9 | 99.9 | 99.9 | 31.0 | 113. |
| 43.9 | 123.7 | 13036.9 | 175.0 | -64.8 | -59.3 | 291.4 | 34.4 | 32.1 | -12.6 | 343.0 | 339.9 | 99.9 | 99.9 | 34.6 | 113. |
| 47.5 | 130.0 | 13997.4 | 150.0 | -69.9 | -59.9 | 290.0 | 29.2 | 27.5 | -10.0 | 346.9 | 339.9 | 99.9 | 99.9 | 45.6 | 113. |
| 51.7 | 137.3 | 15127.4 | 125.0 | -63.8 | -59.9 | 286.8 | 26.5 | 25.4 | -7.6 | 349.5 | 339.9 | 99.9 | 99.9 | 52.1 | 112. |
| 56.5 | 144.5 | 16481.2 | 100.0 | -67.2 | -59.9 | 280.3 | 13.7 | 13.4 | -2.4 | 347.9 | 339.9 | 99.9 | 99.9 | 58.0 | 111. |
| 62.2 | 152.0 | 18191.2 | 75.0 | -70.1 | -59.9 | 308.3 | 8.7 | 6.8 | -5.4 | 425.9 | 339.9 | 99.9 | 99.9 | 62.8 | 110. |
| 70.6 | 160.0 | 20657.8 | 50.0 | -59.9 | -59.9 | 27.1 | 5.9 | -2.7 | -5.2 | 502.3 | 339.9 | 99.9 | 99.9 | 65.8 | 112. |
| 83.0 | 167.8 | 25002.7 | 25.0 | -50.7 | -50.9 | 358.9 | 1.2 | 0.0 | -1.2 | 639.4 | 339.9 | 99.9 | 99.9 | 66.2 | 114. |

ORIGINAL PAGE IS
OF POOR QUALITY

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220
APALACHICOLA, FLA

24 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.6 | 11.0 | 1020.3 | 20.4 | 16.7 | 140.0 | 5.2 | 1.3 | 4.0 | 293.7 | 328.4 | 13.5 | 90.0 | 0.0 | 0. |
| 0.6 | 4.3 | 105.2 | 1000.0 | 20.1 | 17.4 | 175.2 | 16.7 | 1.4 | 15.6 | 295.0 | 327.8 | 12.6 | 84.4 | 0.2 | 334. |
| 1.2 | 2.6 | 403.9 | 975.0 | 19.5 | 11.8 | 140.9 | 15.4 | 0.2 | 15.8 | 296.0 | 320.0 | 9.0 | 61.3 | 0.9 | 352. |
| 1.9 | 10.8 | 627.3 | 950.0 | 16.3 | 12.5 | 185.0 | 12.5 | 1.9 | 12.3 | 257.1 | 325.7 | 9.0 | 68.6 | 1.4 | 376. |
| 2.6 | 13.2 | 856.1 | 925.0 | 17.7 | 12.1 | 194.3 | 7.1 | 1.8 | 6.5 | 298.7 | 328.6 | 9.7 | 69.8 | 1.8 | 1. |
| 3.4 | 15.5 | 1090.2 | 900.0 | 15.7 | 13.0 | 203.9 | 5.6 | 2.4 | 5.3 | 299.1 | 327.2 | 10.5 | 83.9 | 2.1 | 2. |
| 4.2 | 18.0 | 1329.1 | 875.0 | 13.9 | 13.2 | 221.7 | 6.8 | 4.5 | 5.0 | 299.6 | 329.0 | 11.0 | 95.7 | 2.4 | 7. |
| 4.9 | 20.4 | 1572.6 | 850.0 | 11.9 | 11.6 | 224.6 | 7.2 | 5.0 | 5.1 | 300.0 | 327.4 | 10.2 | 97.8 | 2.6 | 10. |
| 5.7 | 22.9 | 1822.7 | 825.0 | 8.0 | -79.6 | 221.5 | 5.3 | 5.0 | 1.7 | 297.2 | 300.0 | 1.0 | 10.6 | 2.9 | 15. |
| 6.4 | 25.4 | 2075.7 | 800.0 | 12.3 | -3.4 | 300.7 | 3.3 | 2.8 | -1.7 | 304.8 | 315.8 | 3.8 | 33.8 | 2.9 | 12. |
| 7.3 | 27.9 | 2345.0 | 775.0 | 10.7 | -0.6 | 347.5 | 1.7 | 0.4 | -1.7 | 305.9 | 319.6 | 4.7 | 45.5 | 2.4 | 21. |
| 8.1 | 30.7 | 2618.1 | 750.0 | 10.2 | -7.6 | 371.3 | 2.2 | -2.2 | 0.3 | 308.0 | 310.7 | 2.9 | 27.7 | 2.7 | 20. |
| 8.9 | 33.4 | 2895.0 | 725.0 | 8.2 | -7.3 | 112.0 | 3.0 | -2.8 | 1.1 | 308.8 | 317.9 | 3.1 | 32.7 | 2.7 | 16. |
| 9.7 | 36.0 | 3167.4 | 700.0 | 6.2 | -11.6 | 111.6 | 1.5 | -1.4 | 0.6 | 309.6 | 316.5 | 2.2 | 26.6 | 2.7 | 14. |
| 10.7 | 38.9 | 3444.3 | 675.0 | 4.7 | -44.3 | 333.0 | 1.3 | 0.6 | -1.1 | 310.9 | 311.4 | 0.2 | 2.1 | 2.7 | 13. |
| 11.5 | 41.5 | 3700.9 | 650.0 | 3.0 | -10.9 | 339.6 | 4.0 | 1.4 | -3.7 | 312.7 | 320.7 | 2.6 | 35.6 | 2.6 | 14. |
| 12.5 | 44.3 | 4107.7 | 625.0 | 1.3 | -12.9 | 332.6 | 8.3 | 3.8 | -7.4 | 314.2 | 323.3 | 2.3 | 33.8 | 2.4 | 14. |
| 13.5 | 47.6 | 4434.9 | 600.0 | -1.1 | -12.3 | 328.6 | 11.3 | 5.9 | -9.7 | 315.1 | 322.8 | 2.5 | 42.2 | 2.0 | 36. |
| 14.5 | 50.6 | 4773.0 | 575.0 | -3.5 | -12.2 | 326.7 | 11.8 | 6.5 | -9.9 | 316.2 | 325.3 | 2.6 | 50.8 | 1.8 | 57. |
| 15.6 | 53.6 | 5123.0 | 550.0 | -6.2 | -11.5 | 325.5 | 13.7 | 7.7 | -11.3 | 317.0 | 326.0 | 2.9 | 66.2 | 2.0 | 77. |
| 16.7 | 56.7 | 5495.4 | 525.0 | -8.8 | -13.9 | 323.9 | 14.4 | 8.5 | -11.7 | 318.2 | 326.0 | 2.5 | 66.4 | 2.5 | 99. |
| 17.9 | 60.0 | 5811.8 | 500.0 | -11.5 | -16.5 | 311.3 | 13.1 | 9.8 | -8.6 | 319.2 | 325.9 | 2.1 | 66.4 | 3.3 | 110. |
| 19.1 | 63.4 | 6234.1 | 475.0 | -13.7 | -20.1 | 301.4 | 13.2 | 11.2 | -8.9 | 321.2 | 326.5 | 1.6 | 58.3 | 4.3 | 113. |
| 20.5 | 66.9 | 6622.9 | 450.0 | -16.7 | -22.9 | 300.6 | 13.3 | 11.5 | -8.8 | 322.4 | 326.8 | 1.4 | 58.9 | 5.4 | 115. |
| 21.8 | 70.4 | 7093.3 | 425.0 | -19.8 | -26.0 | 293.3 | 13.7 | 12.6 | -8.4 | 323.6 | 327.3 | 1.1 | 57.9 | 6.4 | 115. |
| 23.3 | 74.3 | 7537.1 | 400.0 | -23.3 | -31.2 | 294.3 | 15.5 | 14.2 | -6.4 | 324.7 | 327.2 | 0.7 | 48.0 | 7.7 | 114. |
| 24.9 | 78.3 | 8007.9 | 375.0 | -25.8 | -34.0 | 305.2 | 16.4 | 13.4 | -5.5 | 327.4 | 329.4 | 0.6 | 46.0 | 9.3 | 115. |
| 26.6 | 81.8 | 8524.3 | 350.0 | -29.4 | -40.0 | 307.6 | 16.0 | 12.7 | -5.8 | 329.0 | 330.2 | 0.3 | 34.6 | 10.9 | 117. |
| 28.3 | 85.9 | 9029.0 | 325.0 | -33.5 | -43.8 | 304.3 | 17.7 | 14.6 | -10.0 | 330.4 | 331.3 | 0.2 | 34.4 | 12.6 | 119. |
| 30.4 | 90.4 | 9566.1 | 300.0 | -37.6 | -53.2 | 305.8 | 18.4 | 15.0 | -10.8 | 332.3 | 332.6 | 0.1 | 17.5 | 14.8 | 119. |
| 32.5 | 95.1 | 10180.0 | 275.0 | -42.4 | -59.9 | 301.7 | 20.1 | 17.1 | -10.5 | 333.2 | 333.6 | 99.9 | 99.9 | 17.1 | 120. |
| 34.5 | 99.8 | 10818.1 | 250.0 | -47.5 | -69.9 | 302.3 | 22.6 | 19.1 | -12.1 | 335.4 | 335.9 | 99.9 | 99.9 | 19.9 | 120. |
| 36.8 | 105.1 | 11505.1 | 225.0 | -53.4 | -79.9 | 296.6 | 26.7 | 25.7 | -12.9 | 336.7 | 336.9 | 99.9 | 99.9 | 23.3 | 120. |
| 39.4 | 110.6 | 12253.3 | 200.0 | -59.0 | -89.9 | 295.2 | 27.2 | 24.6 | -11.6 | 339.3 | 339.9 | 99.9 | 99.9 | 27.3 | 120. |
| 42.1 | 116.3 | 13080.3 | 175.0 | -64.3 | -99.9 | 291.5 | 27.4 | 25.5 | -10.0 | 343.6 | 343.9 | 99.9 | 99.9 | 32.0 | 119. |
| 45.4 | 123.0 | 14037.3 | 150.0 | -60.5 | -99.9 | 300.2 | 22.7 | 19.6 | -11.4 | 345.8 | 345.9 | 99.9 | 99.9 | 37.0 | 118. |
| 49.4 | 130.3 | 15163.6 | 125.0 | -65.1 | -99.9 | 298.3 | 23.0 | 20.2 | -10.9 | 347.1 | 347.1 | 99.9 | 99.9 | 42.0 | 118. |
| 54.1 | 136.0 | 16507.1 | 100.0 | -70.2 | -99.9 | 304.2 | 14.7 | 12.2 | -8.3 | 352.1 | 352.9 | 99.9 | 99.9 | 47.5 | 118. |
| 59.4 | 145.8 | 18204.9 | 75.0 | -71.5 | -99.9 | 296.6 | 7.0 | 6.3 | -3.1 | 423.1 | 399.9 | 99.9 | 99.9 | 50.7 | 118. |
| 67.4 | 154.7 | 20671.9 | 50.0 | -60.2 | -99.9 | 358.0 | 5.6 | 0.2 | -5.6 | 501.8 | 999.9 | 99.9 | 99.9 | 52.7 | 120. |
| 74.9 | 164.0 | 24115.6 | 25.0 | -52.1 | -99.9 | 143.9 | 2.7 | -1.6 | 2.2 | 634.9 | 999.9 | 99.9 | 99.9 | 52.5 | 122. |

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
• BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
• BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 226

CENTERVILLE, ALA

24 APRIL 1975

1115 GMT

164 17. 0

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | PR RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.1 | 140.0 | 1002.5 | 17.1 | 15.4 | 180.0 | 2.0 | 0.0 | 2.6 | 291.5 | 320.1 | 11.1 | 90.0 | 0.0 | 0. |
| 0.1 | 6.3 | 1000.0 | 1000.0 | 16.8 | 15.2 | 180.4 | 2.1 | 0.2 | 2.1 | 291.4 | 319.7 | 11.0 | 90.4 | 0.1 | 352. |
| 1.1 | 6.2 | 377.3 | 975.0 | 15.9 | 14.6 | 195.8 | 6.7 | 1.8 | 6.5 | 292.6 | 321.5 | 10.8 | 91.5 | 0.5 | 1. |
| 2.0 | 11.3 | 598.2 | 950.0 | 15.0 | 13.8 | 200.0 | 11.6 | 4.0 | 10.9 | 293.8 | 321.3 | 10.5 | 92.2 | 1.0 | 6. |
| 3.0 | 13.5 | 624.6 | 925.0 | 14.7 | 11.4 | 200.3 | 14.7 | 6.5 | 13.1 | 295.8 | 320.0 | 9.2 | 90.3 | 1.7 | 16. |
| 3.9 | 15.8 | 1057.0 | 900.0 | 15.0 | 11.9 | 205.7 | 16.1 | 7.0 | 14.5 | 298.3 | 324.5 | 5.8 | 91.4 | 2.6 | 15. |
| 4.8 | 18.3 | 1295.7 | 875.0 | 14.0 | 7.3 | 217.0 | 13.5 | 8.1 | 10.4 | 299.3 | 319.5 | 7.4 | 91.4 | 3.4 | 22. |
| 5.6 | 20.8 | 1540.2 | 850.0 | 13.3 | 4.6 | 221.6 | 15.2 | 10.1 | 11.4 | 301.0 | 318.3 | 6.3 | 55.3 | 4.2 | 25. |
| 6.4 | 23.4 | 1791.5 | 825.0 | 12.8 | 3.9 | 222.1 | 15.9 | 10.8 | 11.6 | 303.0 | 320.2 | 6.2 | 54.5 | 5.0 | 29. |
| 7.7 | 25.9 | 2045.7 | 800.0 | 11.8 | 3.3 | 223.0 | 13.5 | 9.3 | 5.8 | 304.6 | 321.7 | 6.1 | 55.9 | 5.9 | 30. |
| 8.8 | 28.7 | 2314.8 | 775.0 | 10.0 | 2.9 | 231.8 | 13.2 | 10.4 | 8.2 | 305.4 | 322.5 | 6.1 | 60.7 | 6.7 | 33. |
| 9.9 | 31.4 | 2506.6 | 750.0 | 6.7 | -14.3 | 240.1 | 14.4 | 12.5 | 7.2 | 306.3 | 311.5 | 1.7 | 18.3 | 7.4 | 35. |
| 11.0 | 34.2 | 2666.5 | 725.0 | 6.4 | -31.1 | 249.9 | 16.0 | 15.0 | 5.5 | 308.7 | 310.1 | 0.4 | 4.2 | 8.4 | 36. |
| 12.1 | 36.9 | 3155.3 | 700.0 | 6.9 | -45.7 | 245.8 | 16.2 | 14.8 | 6.6 | 310.1 | 310.5 | 0.1 | 1.0 | 9.4 | 42. |
| 13.2 | 39.4 | 3432.9 | 675.0 | 5.2 | -15.3 | 245.1 | 17.2 | 16.1 | 6.1 | 311.7 | 317.1 | 1.7 | 21.0 | 10.4 | 44. |
| 14.3 | 42.5 | 3755.3 | 650.0 | 2.4 | -17.5 | 259.2 | 18.3 | 18.0 | 3.4 | 311.8 | 315.5 | 1.5 | 21.3 | 11.4 | 47. |
| 15.5 | 45.5 | 4074.7 | 625.0 | -0.2 | -13.5 | 265.5 | 20.8 | 20.8 | 1.6 | 312.5 | 319.2 | 2.2 | 35.9 | 12.6 | 51. |
| 16.7 | 48.0 | 4400.0 | 600.0 | -2.9 | -9.8 | 265.6 | 20.4 | 20.4 | 1.6 | 313.1 | 322.4 | 3.0 | 59.0 | 13.9 | 55. |
| 17.9 | 51.6 | 4735.7 | 575.0 | -5.5 | -7.9 | 265.0 | 16.3 | 16.3 | 1.4 | 313.9 | 323.4 | 3.1 | 71.3 | 15.1 | 54. |
| 19.1 | 54.9 | 5082.2 | 550.0 | -7.6 | -11.5 | 265.1 | 12.0 | 11.9 | 1.0 | 315.4 | 321.3 | 2.9 | 73.7 | 16.0 | 54. |
| 20.4 | 58.0 | 5443.9 | 525.0 | -10.0 | -15.5 | 265.2 | 10.1 | 10.0 | -1.1 | 316.1 | 323.0 | 2.2 | 66.1 | 16.8 | 61. |
| 21.8 | 61.4 | 5819.0 | 500.0 | -11.4 | -15.9 | 268.9 | 11.1 | 10.5 | -3.6 | 316.9 | 323.9 | 2.2 | 81.6 | 17.3 | 63. |
| 23.2 | 65.0 | 6206.1 | 475.0 | -16.9 | -18.4 | 283.1 | 16.6 | 16.1 | -3.8 | 317.3 | 323.9 | 1.9 | 87.8 | 18.1 | 65. |
| 24.5 | 68.4 | 6609.8 | 450.0 | -20.3 | -25.6 | 287.0 | 16.1 | 15.4 | -4.7 | 317.8 | 321.4 | 1.1 | 63.6 | 19.2 | 68. |
| 26.2 | 71.8 | 7031.8 | 425.0 | -22.1 | -43.2 | 280.2 | 14.1 | 13.9 | -2.5 | 320.7 | 321.8 | 0.3 | 20.5 | 20.4 | 70. |
| 28.2 | 75.7 | 7475.9 | 400.0 | -24.5 | -35.0 | 277.8 | 19.2 | 19.1 | -2.6 | 323.1 | 324.7 | 0.5 | 34.7 | 22.1 | 72. |
| 29.9 | 79.8 | 7942.7 | 375.0 | -26.1 | -62.6 | 270.0 | 22.2 | 22.1 | -2.7 | 324.4 | 324.5 | 0.0 | 2.2 | 24.1 | 75. |
| 31.4 | 83.7 | 8434.0 | 350.0 | -32.1 | -45.8 | 270.3 | 26.5 | 26.5 | -0.1 | 325.4 | 326.0 | 0.2 | 24.3 | 26.4 | 76. |
| 33.2 | 87.8 | 8932.1 | 325.0 | -36.5 | -38.3 | 266.7 | 27.6 | 27.6 | 1.6 | 326.4 | 327.9 | 0.4 | 63.2 | 29.1 | 77. |
| 35.3 | 92.4 | 9502.6 | 300.0 | -40.6 | 99.9 | 272.3 | 32.3 | 32.3 | -1.3 | 328.1 | 999.9 | 99.9 | 99.9 | 32.6 | 79. |
| 37.5 | 97.0 | 10059.5 | 275.0 | -45.9 | 59.9 | 282.8 | 28.1 | 27.4 | -6.2 | 328.7 | 999.9 | 99.9 | 99.9 | 36.4 | 81. |
| 39.8 | 101.8 | 10716.9 | 250.0 | -50.5 | 99.9 | 280.8 | 32.6 | 32.0 | -6.1 | 331.0 | 999.9 | 99.9 | 99.9 | 40.5 | 83. |
| 42.7 | 107.3 | 11397.1 | 225.0 | -54.9 | 99.9 | 280.5 | 41.2 | 40.5 | -7.5 | 334.4 | 999.9 | 99.9 | 99.9 | 46.6 | 85. |
| 45.6 | 112.8 | 12141.5 | 200.0 | -60.0 | 59.9 | 268.9 | 41.2 | 41.1 | 6.8 | 337.7 | 999.9 | 99.9 | 99.9 | 53.1 | 87. |
| 48.0 | 118.9 | 12975.1 | 175.0 | -58.6 | 59.9 | 274.2 | 40.5 | 40.4 | -2.0 | 353.2 | 999.9 | 99.9 | 99.9 | 61.9 | 87. |
| 51.1 | 125.8 | 13944.2 | 150.0 | -60.2 | 99.9 | 274.1 | 24.7 | 24.6 | -1.8 | 366.4 | 999.9 | 99.9 | 99.9 | 68.4 | 90. |
| 54.5 | 133.3 | 15065.8 | 125.0 | -63.7 | 99.9 | 282.1 | 32.1 | 31.4 | -4.7 | 379.8 | 999.9 | 99.9 | 99.9 | 76.4 | 90. |
| 58.5 | 140.3 | 16422.9 | 100.0 | -69.9 | 99.9 | 273.2 | 23.7 | 23.6 | -1.3 | 392.6 | 999.9 | 99.9 | 99.9 | 84.1 | 90. |
| 62.1 | 146.3 | 18140.7 | 75.0 | -65.9 | 99.9 | 263.9 | 14.1 | 14.0 | 1.5 | 434.9 | 999.9 | 99.9 | 99.9 | 90.5 | 90. |
| 70.6 | 157.0 | 20415.4 | 50.0 | -62.0 | 99.9 | 305.1 | 5.0 | 4.1 | -2.9 | 467.3 | 999.9 | 99.9 | 99.9 | 93.4 | 91. |
| 93.7 | 168.0 | 25048.9 | 25.0 | -49.9 | 99.9 | 28.3 | 6.1 | -2.9 | -5.4 | 641.2 | 999.9 | 99.9 | 99.9 | 94.3 | 93. |

0 PT SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 PT TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 00 BV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE 1
 OF POOR QUALITY

STATION NO. 232
MOCKTOWN, LA

24 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP OC C | DEW PT OC C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT Y DG K | E POT Y DG K | MR RTO GM/NG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.0 | 1.0 | 1017.3 | 21.4 | 20.9 | 150.0 | 4.1 | -2.1 | 3.6 | 255.2 | 335.2 | 15.5 | 97.0 | 0.0 | 0. |
| 0.5 | 6.3 | 150.7 | 1000.0 | 22.0 | 21.2 | 165.1 | 12.0 | -3.3 | 12.3 | 297.3 | 339.1 | 16.1 | 95.0 | 0.3 | 335. |
| 1.0 | 6.5 | 371.5 | 975.0 | 21.2 | 20.4 | 172.2 | 12.4 | -1.7 | 12.2 | 280.6 | 339.6 | 15.7 | 94.6 | 0.9 | 342. |
| 2.0 | 10.6 | 597.0 | 950.0 | 19.7 | 18.8 | 177.0 | 12.3 | -0.6 | 12.3 | 259.1 | 337.4 | 14.5 | 94.4 | 1.6 | 349. |
| 3.0 | 12.8 | 826.9 | 925.0 | 17.7 | 16.8 | 176.5 | 12.3 | -0.8 | 12.3 | 259.2 | 333.9 | 13.1 | 94.2 | 2.2 | 351. |
| 3.9 | 15.1 | 1061.5 | 900.0 | 16.7 | 11.6 | 180.0 | 10.7 | 0.6 | 10.7 | 302.2 | 329.0 | 9.9 | 65.0 | 2.9 | 354. |
| 4.9 | 17.3 | 1301.4 | 875.0 | 16.5 | 0.7 | 181.5 | 9.0 | 3.3 | 8.4 | 302.6 | 316.7 | 4.6 | 30.2 | 3.3 | 356. |
| 5.9 | 15.7 | 1551.0 | 850.0 | 17.0 | 1.9 | 180.8 | 9.8 | 1.8 | 5.7 | 304.6 | 319.4 | 5.2 | 36.3 | 3.6 | 359. |
| 6.8 | 21.9 | 1804.8 | 825.0 | 15.1 | 3.7 | 202.4 | 9.3 | 3.5 | 8.8 | 305.4 | 322.6 | 6.1 | 40.2 | 4.3 | 1. |
| 7.7 | 24.4 | 2064.8 | 800.0 | 13.5 | 0.4 | 216.2 | 11.0 | 5.5 | 9.5 | 306.2 | 320.5 | 5.0 | 41.0 | 4.6 | 4. |
| 8.7 | 26.7 | 2311.4 | 775.0 | 12.6 | -11.2 | 217.6 | 9.3 | 5.7 | 7.4 | 307.6 | 314.1 | 2.1 | 18.1 | 5.4 | 7. |
| 9.7 | 29.3 | 2606.1 | 750.0 | 12.5 | -17.7 | 233.5 | 6.6 | 5.3 | 3.9 | 310.3 | 314.4 | 1.3 | 10.7 | 5.8 | 10. |
| 10.8 | 31.9 | 2890.0 | 725.0 | 13.0 | -21.9 | 250.5 | 3.5 | 3.4 | 0.8 | 313.8 | 314.2 | 0.1 | 1.0 | 6.0 | 13. |
| 11.9 | 34.6 | 3132.1 | 700.0 | 10.6 | -24.0 | 265.3 | 3.2 | 3.0 | -0.9 | 314.3 | 316.9 | 0.8 | 6.9 | 6.0 | 14. |
| 12.9 | 37.0 | 3484.1 | 675.0 | 8.1 | -21.9 | 254.3 | 3.1 | 2.8 | -1.3 | 314.2 | 318.0 | 1.0 | 9.8 | 6.0 | 15. |
| 14.0 | 39.8 | 3793.9 | 650.0 | 5.6 | -23.5 | 282.5 | 3.2 | 3.1 | -1.1 | 315.4 | 318.3 | 0.9 | 10.1 | 5.9 | 18. |
| 15.2 | 42.2 | 4112.7 | 625.0 | 2.7 | -18.9 | 283.1 | 4.6 | 4.5 | -1.0 | 315.7 | 320.2 | 1.4 | 18.8 | 6.0 | 21. |
| 16.4 | 45.1 | 4441.1 | 600.0 | -0.2 | -13.6 | 296.4 | 6.1 | 5.5 | -2.5 | 316.1 | 323.1 | 2.2 | 35.7 | 6.0 | 25. |
| 17.7 | 48.1 | 4780.5 | 575.0 | -2.6 | -12.2 | 285.0 | 6.6 | 6.4 | -1.7 | 317.3 | 325.4 | 2.6 | 47.4 | 6.1 | 29. |
| 18.9 | 50.9 | 5131.9 | 550.0 | -4.9 | -13.4 | 282.3 | 7.7 | 7.5 | -1.6 | 318.6 | 326.3 | 2.5 | 51.1 | 6.2 | 30. |
| 20.3 | 54.0 | 5455.7 | 525.0 | -6.0 | -15.0 | 290.0 | 8.1 | 7.6 | -2.8 | 315.1 | 326.3 | 2.3 | 56.6 | 6.5 | 39. |
| 21.6 | 56.5 | 5872.9 | 500.0 | -11.0 | -15.3 | 283.5 | 8.0 | 6.3 | -2.0 | 319.8 | 327.2 | 2.3 | 70.6 | 6.7 | 45. |
| 23.0 | 60.1 | 6266.1 | 475.0 | -12.3 | -35.6 | 274.9 | 10.6 | 10.5 | -0.9 | 324.1 | 324.1 | 0.4 | 12.7 | 7.2 | 47. |
| 24.5 | 63.6 | 6670.9 | 450.0 | -15.6 | -27.6 | 281.5 | 14.4 | 14.4 | -2.9 | 323.7 | 326.7 | 0.9 | 34.8 | 8.0 | 50. |
| 26.0 | 66.9 | 7103.5 | 425.0 | -18.6 | -30.0 | 283.9 | 15.0 | 14.5 | -3.6 | 325.2 | 327.8 | 0.7 | 35.6 | 9.0 | 62. |
| 27.7 | 70.4 | 7553.6 | 400.0 | -21.7 | -29.0 | 280.4 | 14.5 | 14.3 | -2.6 | 326.2 | 329.6 | 0.8 | 48.9 | 10.2 | 66. |
| 29.1 | 74.0 | 8027.0 | 375.0 | -25.6 | -33.5 | 280.2 | 15.9 | 15.7 | -2.8 | 327.7 | 330.5 | 0.8 | 63.1 | 11.4 | 71. |
| 31.2 | 78.0 | 8523.7 | 350.0 | -29.4 | -38.2 | 277.0 | 19.5 | 19.4 | -2.4 | 329.0 | 330.5 | 0.4 | 41.7 | 13.2 | 75. |
| 33.0 | 81.8 | 9050.0 | 325.0 | -32.6 | 99.9 | 285.2 | 21.1 | 20.7 | -4.5 | 331.8 | 999.9 | 99.9 | 99.9 | 15.3 | 79. |
| 34.9 | 85.9 | 9604.1 | 300.0 | -36.8 | 99.9 | 279.0 | 22.8 | 22.5 | -3.6 | 333.5 | 999.9 | 99.9 | 99.9 | 17.6 | 82. |
| 37.1 | 90.4 | 10204.3 | 275.0 | -42.4 | 99.9 | 276.1 | 23.9 | 23.6 | -3.6 | 333.9 | 999.9 | 99.9 | 99.9 | 20.6 | 94. |
| 39.3 | 95.2 | 10641.1 | 250.0 | -47.8 | 99.9 | 281.3 | 27.1 | 26.4 | -2.3 | 335.1 | 999.9 | 99.9 | 99.9 | 24.0 | 97. |
| 41.8 | 100.2 | 11526.9 | 225.0 | -52.7 | 99.9 | 273.1 | 28.8 | 26.7 | -1.5 | 337.7 | 999.9 | 99.9 | 99.9 | 28.1 | 86. |
| 44.4 | 105.5 | 12286.5 | 200.0 | -58.3 | 99.9 | 268.9 | 35.0 | 34.8 | 3.1 | 340.5 | 999.9 | 99.9 | 99.9 | 32.6 | 88. |
| 47.3 | 111.3 | 13109.3 | 175.0 | -64.5 | 99.9 | 263.5 | 29.3 | 29.2 | 2.3 | 343.5 | 999.9 | 99.9 | 99.9 | 38.2 | 86. |
| 50.7 | 117.7 | 14056.8 | 150.0 | -60.4 | 99.9 | 275.3 | 27.4 | 27.2 | -2.5 | 346.1 | 999.9 | 99.9 | 99.9 | 45.0 | 88. |
| 54.7 | 125.0 | 15187.3 | 125.0 | -63.9 | 99.9 | 276.5 | 21.7 | 21.5 | -2.5 | 349.2 | 999.9 | 99.9 | 99.9 | 50.7 | 89. |
| 59.7 | 133.0 | 16532.3 | 100.0 | -70.4 | 99.9 | 276.9 | 17.8 | 17.5 | -3.1 | 351.7 | 999.9 | 99.9 | 99.9 | 57.0 | 89. |
| 65.4 | 141.0 | 18222.5 | 75.0 | -76.2 | 99.9 | 268.4 | 8.8 | 8.8 | 0.7 | 425.7 | 999.9 | 99.9 | 99.9 | 61.2 | 90. |
| 73.7 | 146.7 | 20684.9 | 50.0 | -61.4 | 99.9 | 337.5 | 4.6 | 1.8 | -4.2 | 424.9 | 999.9 | 99.9 | 99.9 | 62.5 | 91. |
| 80.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 94.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 235
JACKSON, MISS24 APRIL 1975
1115 GMT

| TIME MIN | CHCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V CCM M/SEC | POT T DEG K | E POT T DEG K | MA RTD CM/KG | RM PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|----------------|----------------|------------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.6 | 100.0 | 1004.0 | 21.7 | 19.6 | 100.0 | 3.3 | 0.0 | 3.3 | 296.5 | 334.2 | 14.5 | 82.0 | 0.0 | 0. |
| 0.0 | 4.7 | 136.8 | 1000.0 | 21.6 | 19.7 | 106.8 | 5.4 | 0.6 | 5.4 | 296.7 | 336.7 | 14.6 | 89.1 | 0.1 | 0. |
| 0.8 | 6.5 | 355.1 | 975.0 | 20.4 | 19.1 | 193.8 | 8.8 | 2.1 | 2.1 | 297.8 | 335.6 | 14.4 | 91.1 | 0.3 | 4. |
| 1.5 | 8.5 | 596.8 | 950.0 | 19.0 | 17.8 | 203.3 | 11.5 | 4.6 | 10.6 | 298.3 | 336.3 | 13.7 | 92.9 | 0.9 | 12. |
| 2.3 | 10.5 | 805.2 | 925.0 | 17.3 | 16.3 | 207.9 | 14.8 | 6.9 | 13.1 | 298.7 | 335.3 | 12.7 | 93.3 | 1.4 | 19. |
| 3.1 | 12.6 | 1033.3 | 900.0 | 15.6 | 14.7 | 210.3 | 16.7 | 9.4 | 15.4 | 299.2 | 330.5 | 11.8 | 94.0 | 2.1 | 25. |
| 3.8 | 14.8 | 1222.7 | 875.0 | 14.2 | 13.1 | 215.1 | 18.9 | 10.8 | 15.4 | 300.0 | 329.3 | 10.9 | 93.4 | 2.9 | 22. |
| 4.6 | 16.7 | 1527.5 | 850.0 | 12.4 | 11.4 | 216.6 | 17.9 | 10.7 | 14.4 | 300.5 | 327.5 | 10.0 | 93.1 | 3.8 | 29. |
| 5.4 | 19.1 | 1777.8 | 825.0 | 11.0 | 9.9 | 215.7 | 16.5 | 10.8 | 15.0 | 301.4 | 326.9 | 9.4 | 93.3 | 4.6 | 29. |
| 6.1 | 21.4 | 2034.5 | 800.0 | 9.4 | 5.9 | 213.6 | 19.2 | 12.0 | 15.0 | 302.2 | 323.4 | 7.7 | 82.6 | 5.4 | 10. |
| 6.8 | 23.6 | 2297.0 | 775.0 | 8.8 | -34.6 | 224.6 | 17.9 | 12.6 | 12.7 | 303.3 | 304.3 | 0.3 | 3.0 | 6.1 | 32. |
| 7.5 | 25.8 | 2571.0 | 750.0 | 14.2 | -21.2 | 227.3 | 16.2 | 11.9 | 11.0 | 312.1 | 315.2 | 0.9 | 7.0 | 6.9 | 34. |
| 8.5 | 28.1 | 2855.7 | 725.0 | 12.3 | -18.3 | 231.5 | 15.5 | 12.1 | 9.6 | 313.1 | 317.1 | 1.2 | 10.2 | 7.4 | 15. |
| 9.4 | 30.8 | 3146.1 | 700.0 | 9.9 | -17.2 | 239.9 | 17.2 | 14.9 | 6.6 | 313.6 | 318.1 | 1.4 | 13.0 | 8.6 | 37. |
| 10.3 | 32.3 | 3448.7 | 675.0 | 7.4 | -16.2 | 241.9 | 18.9 | 15.7 | 6.9 | 314.2 | 319.2 | 1.6 | 16.7 | 9.5 | 40. |
| 11.3 | 35.5 | 3737.7 | 650.0 | 4.5 | -15.2 | 245.2 | 19.3 | 17.5 | 6.1 | 314.3 | 320.0 | 1.8 | 22.2 | 10.6 | 42. |
| 12.4 | 38.4 | 4075.6 | 625.0 | 1.8 | -16.5 | 251.8 | 19.9 | 18.8 | 6.2 | 314.7 | 320.0 | 1.7 | 24.1 | 11.7 | 45. |
| 13.2 | 41.1 | 4432.8 | 600.0 | -1.1 | -13.6 | 257.4 | 20.8 | 20.3 | 4.5 | 315.1 | 322.1 | 2.2 | 37.8 | 12.6 | 47. |
| 14.4 | 43.9 | 4740.5 | 575.0 | -4.4 | -13.7 | 267.6 | 21.4 | 21.4 | 6.9 | 315.1 | 322.3 | 2.3 | 48.1 | 13.8 | 51. |
| 15.5 | 46.9 | 5099.2 | 550.0 | -6.9 | -12.0 | 277.1 | 21.5 | 21.4 | -2.7 | 316.3 | 324.8 | 2.8 | 66.4 | 14.9 | 54. |
| 16.8 | 49.9 | 5451.3 | 525.0 | -9.2 | -15.0 | 280.1 | 22.0 | 21.7 | -3.9 | 317.7 | 324.8 | 2.3 | 62.6 | 16.2 | 59. |
| 19.1 | 52.8 | 5827.1 | 500.0 | -12.1 | -16.7 | 278.4 | 21.2 | 20.9 | -3.1 | 319.6 | 325.1 | 2.1 | 64.0 | 17.5 | 62. |
| 19.3 | 55.3 | 6218.1 | 475.0 | -14.5 | -18.8 | 274.4 | 20.4 | 20.6 | -1.6 | 320.2 | 326.0 | 1.8 | 69.6 | 18.7 | 65. |
| 20.4 | 59.1 | 6595.6 | 450.0 | -17.5 | -21.5 | 273.1 | 20.6 | 20.6 | -1.1 | 321.3 | 326.3 | 1.5 | 70.9 | 20.0 | 67. |
| 21.7 | 62.6 | 7051.6 | 425.0 | -20.5 | -24.7 | 270.0 | 20.2 | 20.2 | -0.0 | 322.6 | 326.9 | 1.2 | 68.9 | 21.4 | 69. |
| 22.9 | 65.9 | 7457.8 | 400.0 | -23.5 | -27.5 | 263.8 | 24.7 | 24.5 | 2.7 | 324.5 | 327.9 | 1.0 | 69.1 | 23.0 | 70. |
| 24.5 | 68.7 | 7906.4 | 375.0 | -27.1 | -31.6 | 264.9 | 25.8 | 25.7 | 2.3 | 325.7 | 328.2 | 0.7 | 65.6 | 25.2 | 71. |
| 26.1 | 71.3 | 8459.3 | 350.0 | -31.5 | -41.2 | 260.2 | 25.1 | 25.0 | 1.8 | 326.2 | 328.8 | 0.4 | 55.6 | 27.7 | 73. |
| 27.8 | 74.6 | 8975.6 | 325.0 | -35.6 | -41.2 | 260.2 | 20.7 | 20.4 | 3.5 | 327.6 | 329.7 | 0.3 | 56.1 | 30.0 | 73. |
| 29.6 | 81.5 | 9531.1 | 300.0 | -40.1 | 59.9 | 260.5 | 21.0 | 20.7 | 3.5 | 328.8 | 999.3 | 99.9 | 99.9 | 32.4 | 74. |
| 31.4 | 85.9 | 10117.7 | 275.0 | -45.6 | 99.9 | 267.0 | 26.2 | 26.2 | 1.4 | 329.1 | 999.9 | 99.9 | 99.9 | 34.5 | 74. |
| 33.7 | 90.8 | 10745.2 | 250.0 | -51.0 | 59.9 | 267.4 | 33.6 | 33.6 | 1.6 | 330.3 | 999.9 | 99.9 | 99.9 | 36.9 | 75. |
| 36.2 | 95.7 | 11426.4 | 225.0 | -54.6 | 59.9 | 262.9 | 41.0 | 40.7 | 5.1 | 334.9 | 999.9 | 99.9 | 99.9 | 44.5 | 77. |
| 39.0 | 101.3 | 12172.2 | 200.0 | -55.1 | 59.9 | 261.8 | 42.3 | 42.1 | 4.5 | 339.2 | 999.9 | 99.9 | 99.9 | 51.3 | 78. |
| 42.1 | 107.3 | 13007.4 | 175.0 | -59.6 | 59.9 | 262.7 | 34.6 | 34.3 | 4.4 | 351.6 | 999.9 | 99.9 | 99.9 | 56.3 | 79. |
| 45.8 | 112.6 | 13974.9 | 150.0 | -59.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 368.2 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.1 | 121.3 | 15104.0 | 125.0 | -62.9 | 99.9 | 271.8 | 25.4 | 25.4 | -0.8 | 381.1 | 999.9 | 99.9 | 99.9 | 72.4 | 80. |
| 55.3 | 129.7 | 16458.9 | 100.0 | -69.2 | 99.9 | 272.0 | 20.4 | 20.4 | -0.7 | 344.0 | 999.9 | 99.9 | 99.9 | 79.4 | 81. |
| 61.7 | 135.0 | 18174.3 | 75.0 | -68.1 | 99.9 | 264.6 | 7.8 | 7.8 | 0.7 | 430.2 | 999.9 | 99.9 | 99.9 | 85.4 | 82. |
| 70.2 | 149.8 | 20643.0 | 50.0 | -55.8 | 59.9 | 224.7 | 3.0 | 2.1 | 2.1 | 502.5 | 999.9 | 99.9 | 99.9 | 88.9 | 82. |
| 83.1 | 168.3 | 23072.8 | 25.0 | -49.8 | 99.9 | 275.4 | 7.1 | 7.1 | -0.7 | 641.5 | 999.9 | 99.9 | 99.9 | 99.2 | 83. |

ORIGINAL PAGE R
OF POOR QUALITY

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LA

24 APRIL 1975
1115 GMT

| TIME MIN | CATCY | HEIGHT GPH | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T OG K | E POT T OG K | MR RTO CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-----------|
| 0.0 | 3.7 | 3.0 | 1010.4 | 21.7 | 21.2 | 170.0 | 6.2 | -1.1 | 6.1 | 295.8 | 336.8 | 15.9 | 97.8 | 0.0 | 0. |
| 0.3 | 4.7 | 129.6 | 1000.0 | 21.0 | 20.2 | 177.3 | 11.2 | -0.1 | 11.2 | 296.2 | 335.5 | 15.1 | 95.1 | 0.3 | 2. |
| 0.6 | 6.3 | 349.6 | 975.0 | 20.5 | 19.7 | 181.1 | 10.4 | 0.2 | 10.4 | 297.8 | 336.9 | 15.0 | 95.2 | 0.6 | 1. |
| 1.0 | 8.2 | 574.4 | 950.0 | 19.2 | 18.4 | 192.2 | 11.7 | 2.3 | 11.5 | 298.6 | 335.9 | 14.2 | 95.2 | 1.1 | 3. |
| 2.6 | 10.1 | 803.6 | 925.0 | 16.7 | 16.2 | 208.7 | 12.5 | 6.0 | 10.9 | 297.5 | 320.9 | 8.7 | 67.6 | 1.7 | 6. |
| 3.4 | 11.8 | 1037.0 | 900.0 | 16.8 | 4.0 | 216.2 | 12.4 | 7.3 | 10.9 | 301.7 | 317.7 | 5.7 | 37.5 | 2.3 | 16. |
| 4.2 | 13.0 | 1276.3 | 875.0 | 17.0 | 8.1 | 213.0 | 12.2 | 6.6 | 10.2 | 302.5 | 323.9 | 7.8 | 55.6 | 2.9 | 20. |
| 5.1 | 15.7 | 1526.3 | 850.0 | 16.1 | -1.5 | 205.3 | 11.0 | 4.7 | 9.9 | 303.6 | 315.5 | 4.2 | 31.0 | 3.4 | 21. |
| 6.0 | 17.8 | 1778.0 | 825.0 | 14.3 | -1.0 | 211.5 | 12.5 | 4.6 | 10.7 | 304.3 | 316.7 | 4.3 | 35.0 | 4.0 | 22. |
| 6.9 | 19.8 | 2036.0 | 800.0 | 12.7 | -2.7 | 207.1 | 16.2 | 7.4 | 14.4 | 305.2 | 316.5 | 3.9 | 34.0 | 4.9 | 23. |
| 7.9 | 21.8 | 2303.4 | 775.0 | 19.6 | -6.2 | 209.3 | 17.2 | 7.3 | 15.5 | 305.6 | 314.7 | 3.1 | 30.0 | 5.9 | 23. |
| 8.8 | 24.0 | 2576.6 | 750.0 | 12.3 | -42.6 | 213.5 | 17.4 | 9.6 | 14.5 | 310.0 | 310.4 | 0.1 | 1.0 | 6.8 | 24. |
| 9.7 | 26.3 | 2868.6 | 725.0 | 12.5 | -32.7 | 222.6 | 17.8 | 12.0 | 13.1 | 313.2 | 314.4 | 0.3 | 2.7 | 7.7 | 24. |
| 10.6 | 28.4 | 3153.6 | 700.0 | 10.6 | -22.2 | 227.2 | 18.6 | 13.7 | 12.7 | 316.3 | 317.4 | 6.9 | 8.1 | 8.7 | 24. |
| 11.7 | 30.7 | 3455.2 | 675.0 | 8.8 | -19.5 | 227.6 | 17.7 | 13.0 | 11.9 | 315.6 | 319.5 | 1.2 | 11.6 | 9.8 | 31. |
| 12.9 | 33.2 | 3765.7 | 650.0 | 6.3 | -15.2 | 229.3 | 15.4 | 11.7 | 10.9 | 316.3 | 322.1 | 1.8 | 19.7 | 10.9 | 32. |
| 14.1 | 35.5 | 4088.0 | 625.0 | 4.5 | -16.5 | 236.1 | 13.8 | 11.5 | 7.7 | 317.8 | 323.2 | 1.7 | 19.7 | 11.9 | 34. |
| 15.2 | 38.3 | 4416.7 | 600.0 | 2.1 | -14.4 | 241.0 | 11.0 | 9.6 | 5.3 | 318.8 | 325.4 | 2.1 | 28.2 | 12.9 | 36. |
| 16.4 | 40.5 | 4756.4 | 575.0 | -1.3 | -11.9 | 250.3 | 9.0 | 8.5 | 3.8 | 318.8 | 327.2 | 2.7 | 44.1 | 13.3 | 37. |
| 17.6 | 43.1 | 5110.6 | 550.0 | -4.5 | -11.4 | 256.2 | 10.0 | 9.7 | 2.4 | 319.1 | 328.1 | 2.9 | 54.5 | 13.8 | 39. |
| 18.9 | 45.9 | 5474.7 | 525.0 | -8.3 | -10.8 | 256.0 | 10.0 | 9.7 | 2.4 | 318.9 | 328.8 | 3.2 | 81.9 | 14.4 | 41. |
| 20.1 | 48.8 | 5851.8 | 500.0 | -11.3 | -15.0 | 254.9 | 11.1 | 10.7 | 2.1 | 319.5 | 326.6 | 2.2 | 69.4 | 15.1 | 42. |
| 21.4 | 51.5 | 6245.1 | 475.0 | -14.5 | -18.1 | 261.3 | 9.7 | 9.6 | 1.5 | 320.2 | 326.4 | 1.9 | 74.3 | 15.6 | 44. |
| 22.4 | 54.3 | 6652.8 | 450.0 | -17.0 | -28.0 | 254.7 | 13.2 | 12.8 | 3.5 | 321.9 | 324.8 | 0.8 | 37.8 | 16.5 | 46. |
| 24.3 | 57.3 | 7077.9 | 425.0 | -20.1 | -29.0 | 252.6 | 14.9 | 14.2 | 4.6 | 323.3 | 326.1 | 0.8 | 45.0 | 17.6 | 48. |
| 25.7 | 60.7 | 7523.9 | 400.0 | -23.0 | -30.3 | 255.5 | 17.0 | 16.5 | 4.3 | 324.1 | 326.7 | 0.8 | 54.6 | 18.9 | 49. |
| 27.3 | 64.1 | 7992.4 | 375.0 | -27.4 | -31.0 | 264.5 | 19.8 | 19.7 | 1.9 | 325.3 | 327.5 | 0.6 | 58.5 | 20.4 | 52. |
| 29.0 | 67.6 | 8486.1 | 350.0 | -30.4 | -43.0 | 265.2 | 22.9 | 22.8 | 1.9 | 327.6 | 327.5 | 0.2 | 27.7 | 22.4 | 55. |
| 30.8 | 71.2 | 9008.2 | 325.0 | -34.7 | -41.2 | 276.6 | 22.0 | 21.8 | -2.5 | 327.6 | 330.0 | 0.3 | 51.1 | 24.3 | 54. |
| 32.4 | 75.3 | 9515.7 | 300.0 | -39.1 | -44.4 | 272.7 | 26.5 | 24.5 | -1.3 | 336.2 | 331.1 | 0.2 | 54.9 | 26.1 | 61. |
| 34.4 | 79.6 | 10122.8 | 275.0 | -43.5 | 99.9 | 271.0 | 34.4 | 34.4 | -0.7 | 332.3 | 340.9 | 99.9 | 99.9 | 25.3 | 65. |
| 36.4 | 84.0 | 10761.0 | 250.0 | -48.0 | 99.9 | 265.2 | 37.1 | 37.0 | 3.1 | 334.8 | 999.9 | 99.9 | 99.9 | 33.6 | 69. |
| 38.6 | 88.8 | 11473.1 | 225.0 | -54.0 | 99.9 | 271.5 | 37.2 | 37.2 | -0.9 | 335.7 | 999.9 | 99.9 | 99.9 | 38.0 | 70. |
| 41.1 | 94.2 | 12225.9 | 200.0 | -59.0 | 99.9 | 277.7 | 36.3 | 36.0 | -4.4 | 339.3 | 999.9 | 99.9 | 99.9 | 43.5 | 74. |
| 43.9 | 99.8 | 13056.9 | 175.0 | -61.8 | 99.9 | 270.1 | 31.4 | 31.4 | -0.8 | 347.9 | 999.9 | 99.9 | 99.9 | 48.8 | 76. |
| 47.4 | 106.3 | 14003.7 | 150.0 | -60.8 | 99.9 | 245.5 | 32.9 | 32.8 | 2.8 | 365.4 | 999.9 | 99.9 | 99.9 | 54.6 | 77. |
| 51.2 | 114.0 | 15131.6 | 125.0 | -64.1 | 99.9 | 283.2 | 27.1 | 21.9 | 2.4 | 378.9 | 999.9 | 99.9 | 99.9 | 61.2 | 78. |
| 54.1 | 122.7 | 16478.4 | 100.0 | -70.0 | 99.9 | 261.4 | 20.9 | 20.5 | 3.1 | 392.4 | 999.9 | 99.9 | 99.9 | 68.0 | 79. |
| 62.4 | 133.9 | 18175.3 | 75.0 | -87.8 | 99.9 | 258.4 | 10.8 | 10.6 | 2.2 | 430.8 | 999.9 | 99.9 | 99.9 | 73.1 | 79. |
| 70.9 | 143.7 | 20667.9 | 50.0 | -60.3 | 99.9 | 43.9 | 2.7 | -1.9 | -1.9 | 501.5 | 999.9 | 99.9 | 99.9 | 75.1 | 80. |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0.2V SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0.2V TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

0.0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 248
SMREVEPORT, LA

24 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES HB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.4 | 79.0 | 1003.4 | 19.4 | 17.2 | 180.0 | 5.2 | 0.0 | 5.2 | 253.9 | 320.1 | 12.4 | 87.0 | 0.0 | 0. |
| 0.1 | 4.6 | 109.4 | 1000.0 | 19.6 | 17.6 | 189.7 | 8.0 | 1.4 | 7.9 | 294.5 | 327.7 | 12.8 | 88.3 | 0.1 | 2. |
| 0.4 | 6.4 | 327.3 | 975.0 | 16.2 | 17.5 | 156.0 | 13.1 | 3.6 | 12.6 | 296.3 | 331.2 | 13.4 | 92.2 | 0.5 | 11. |
| 1.9 | 6.5 | 551.1 | 950.0 | 18.2 | 16.8 | 200.4 | 17.4 | 6.0 | 16.3 | 257.4 | 331.1 | 12.8 | 91.7 | 1.4 | 15. |
| 2.8 | 16.5 | 780.2 | 925.0 | 17.7 | 14.6 | 209.9 | 19.8 | 9.9 | 1.1 | 294.0 | 329.3 | 11.4 | 81.8 | 2.5 | 15. |
| 3.8 | 12.5 | 1015.5 | 900.0 | 18.9 | 10.2 | 217.1 | 22.1 | 13.3 | 17.6 | 302.2 | 320.3 | 8.8 | 57.5 | 3.7 | 24. |
| 4.8 | 14.7 | 1257.5 | 875.0 | 18.3 | 8.4 | 226.3 | 20.4 | 14.7 | 14.1 | 303.8 | 325.9 | 8.0 | 52.9 | 5.0 | 24. |
| 5.9 | 16.6 | 1505.6 | 850.0 | 16.8 | 7.9 | 229.3 | 21.7 | 16.2 | 14.5 | 304.9 | 327.0 | 6.0 | 55.7 | 6.2 | 31. |
| 7.0 | 18.9 | 1759.2 | 825.0 | 15.0 | 1.0 | 223.0 | 18.3 | 12.5 | 13.4 | 305.1 | 319.3 | 5.0 | 34.5 | 7.5 | 31. |
| 8.0 | 21.0 | 2019.0 | 800.0 | 13.9 | -1.4 | 236.7 | 20.2 | 16.9 | 11.1 | 306.5 | 319.0 | 4.2 | 34.8 | 8.7 | 37. |
| 9.1 | 23.3 | 2286.6 | 775.0 | 14.0 | -12.0 | 252.4 | 17.8 | 17.0 | 5.4 | 309.1 | 315.2 | 2.0 | 15.3 | 9.9 | 41. |
| 10.1 | 25.5 | 2562.2 | 750.0 | 12.2 | -7.7 | 261.5 | 13.9 | 13.2 | 2.0 | 310.3 | 319.1 | 2.9 | 24.4 | 10.6 | 44. |
| 11.2 | 27.8 | 2845.2 | 725.0 | 10.7 | -11.7 | 275.7 | 10.6 | 10.7 | -1.1 | 311.5 | 313.2 | 2.2 | 19.4 | 11.2 | 47. |
| 12.3 | 30.3 | 3136.2 | 700.0 | 8.7 | -14.3 | 280.1 | 11.3 | 11.1 | -2.0 | 312.4 | 318.0 | 1.8 | 16.0 | 11.6 | 49. |
| 13.5 | 32.9 | 3435.6 | 675.0 | 6.7 | -21.0 | 283.5 | 11.4 | 11.3 | 1.3 | 313.2 | 316.7 | 1.1 | 11.8 | 12.1 | 50. |
| 14.9 | 35.4 | 3744.3 | 650.0 | 4.7 | -24.3 | 280.4 | 12.9 | 12.7 | 2.1 | 314.4 | 317.1 | 0.8 | 10.0 | 13.0 | 54. |
| 16.0 | 38.0 | 4061.8 | 625.0 | 2.1 | -26.9 | 263.1 | 15.6 | 15.5 | 1.9 | 314.9 | 317.2 | 0.7 | 9.5 | 13.9 | 56. |
| 17.3 | 40.5 | 4390.6 | 600.0 | 0.0 | -16.0 | 253.4 | 19.5 | 19.1 | 3.6 | 314.4 | 323.2 | 1.6 | 28.9 | 15.2 | 54. |
| 18.7 | 43.3 | 4729.2 | 575.0 | -3.5 | -14.5 | 257.4 | 18.6 | 18.2 | 4.1 | 315.2 | 323.0 | 2.2 | 42.0 | 16.8 | 56. |
| 20.2 | 46.1 | 5078.7 | 550.0 | -6.5 | -16.6 | 255.6 | 20.3 | 19.6 | 5.0 | 317.5 | 322.5 | 1.9 | 44.5 | 17.4 | 58. |
| 21.6 | 48.1 | 5440.2 | 525.0 | -9.5 | -21.8 | 252.2 | 20.9 | 19.9 | 6.4 | 317.1 | 321.2 | 1.3 | 36.0 | 20.2 | 63. |
| 23.0 | 51.9 | 5815.0 | 500.0 | -12.4 | -22.5 | 251.9 | 20.6 | 19.6 | 6.4 | 318.0 | 322.1 | 1.3 | 42.8 | 21.4 | 63. |
| 24.5 | 53.7 | 6204.1 | 475.0 | -14.5 | -43.2 | 254.4 | 18.7 | 17.5 | 4.9 | 320.0 | 320.6 | 0.2 | 6.6 | 23.5 | 64. |
| 26.1 | 56.1 | 6612.1 | 450.0 | -17.3 | -47.6 | 255.7 | 19.3 | 18.7 | 4.9 | 321.4 | 321.9 | 0.1 | 5.1 | 25.2 | 64. |
| 27.7 | 61.4 | 7017.6 | 425.0 | -20.5 | -49.5 | 265.1 | 21.4 | 21.4 | 1.8 | 322.7 | 323.0 | 0.1 | 5.4 | 27.2 | 64. |
| 29.5 | 64.9 | 7483.5 | 400.0 | -23.5 | -51.2 | 260.5 | 20.6 | 20.3 | 3.4 | 324.4 | 324.7 | 0.1 | 5.7 | 29.2 | 67. |
| 31.2 | 68.3 | 7951.5 | 375.0 | -27.5 | -53.7 | 262.4 | 21.2 | 21.1 | 2.8 | 325.2 | 325.4 | 0.1 | 6.2 | 31.5 | 64. |
| 33.2 | 71.8 | 8443.9 | 350.0 | -31.6 | -56.3 | 265.9 | 24.1 | 24.0 | 1.7 | 326.1 | 326.3 | 0.1 | 6.6 | 34.2 | 64. |
| 35.1 | 75.8 | 8964.0 | 325.0 | -36.0 | -59.2 | 267.7 | 22.5 | 22.4 | 0.7 | 327.0 | 327.2 | 0.0 | 7.1 | 36.6 | 71. |
| 36.9 | 80.0 | 9514.8 | 300.0 | -40.3 | 90.9 | 268.4 | 23.4 | 23.4 | 0.7 | 328.6 | 999.9 | 99.9 | 999.9 | 39.0 | 72. |
| 38.8 | 84.2 | 10101.9 | 275.0 | -45.2 | 90.9 | 269.2 | 27.3 | 27.3 | 0.4 | 328.8 | 999.9 | 99.9 | 999.9 | 41.7 | 73. |
| 40.8 | 88.6 | 10731.4 | 250.0 | -50.0 | 90.9 | 263.9 | 30.2 | 30.1 | 3.2 | 331.7 | 999.9 | 99.9 | 999.9 | 45.2 | 74. |
| 42.8 | 93.0 | 11413.1 | 225.0 | -54.6 | 99.9 | 263.2 | 27.1 | 27.0 | 3.2 | 336.8 | 999.9 | 99.9 | 999.9 | 48.6 | 74. |
| 44.9 | 98.8 | 12158.4 | 200.0 | -59.5 | 99.9 | 271.0 | 34.9 | 34.9 | -0.6 | 336.6 | 999.9 | 99.9 | 999.9 | 52.0 | 76. |
| 47.4 | 104.5 | 12991.5 | 175.0 | -60.4 | 90.9 | 272.4 | 35.3 | 35.2 | -1.5 | 350.3 | 999.9 | 99.9 | 999.9 | 57.3 | 77. |
| 50.3 | 111.0 | 13853.0 | 150.0 | -58.8 | 99.9 | 264.9 | 30.6 | 30.5 | 2.7 | 368.8 | 999.9 | 99.9 | 999.9 | 62.7 | 78. |
| 52.3 | 118.0 | 15025.2 | 125.0 | -62.5 | 99.9 | 265.4 | 33.2 | 33.1 | 2.7 | 381.8 | 999.9 | 99.9 | 999.9 | 67.9 | 78. |
| 54.9 | 126.3 | 16444.6 | 100.0 | -68.2 | 99.9 | 262.9 | 25.0 | 24.8 | 3.1 | 390.1 | 999.9 | 99.9 | 999.9 | 73.5 | 74. |
| 57.5 | 136.0 | 18108.8 | 75.0 | -66.5 | 99.9 | 267.9 | 19.9 | 15.9 | 0.6 | 430.6 | 999.9 | 99.9 | 999.9 | 78.5 | 74. |
| 70.9 | 145.7 | 20688.2 | 50.0 | -58.0 | 0.9 | 250.6 | 7.2 | 6.8 | 2.4 | 508.6 | 999.9 | 99.9 | 999.9 | 82.5 | 80. |
| 84.7 | 156.1 | 25139.1 | 25.0 | -50.9 | 54.9 | 288.6 | 5.2 | 4.9 | -1.6 | 638.9 | 999.9 | 99.9 | 999.9 | 82.9 | 82. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 255
VICTORIA, TEX

24 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GEM | PRES MB | TEMP DG C | CFW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ UG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.1 | 33.0 | 1007.3 | 23.9 | 21.2 | 170.0 | 6.7 | -1.2 | 6.6 | 298.6 | 340.4 | 16.0 | 85.0 | 0.0 | 0 |
| 0.2 | 4.7 | 96.9 | 1005.0 | 23.3 | 21.6 | 999.9 | 99.9 | 99.9 | 99.9 | 256.7 | 341.8 | 16.5 | 90.1 | 999.9 | 99.9 |
| 1.0 | 6.5 | 318.4 | 975.0 | 21.8 | 21.0 | 999.9 | 99.9 | 99.9 | 99.9 | 299.3 | 342.1 | 16.4 | 95.7 | 999.9 | 99.9 |
| 1.8 | 8.6 | 544.2 | 950.0 | 20.0 | 19.3 | 176.6 | 10.4 | -0.4 | 16.4 | 299.5 | 339.0 | 15.0 | 95.4 | 1.4 | 34.9 |
| 2.6 | 10.6 | 774.6 | 925.0 | 19.6 | 18.6 | 185.5 | 19.6 | 2.2 | 19.5 | 300.6 | 324.9 | 7.0 | 58.0 | 2.1 | 35.5 |
| 3.3 | 12.8 | 1011.2 | 900.0 | 21.6 | 3.0 | 185.2 | 20.6 | 1.8 | 20.5 | 304.5 | 320.2 | 5.5 | 30.8 | 3.1 | 35.5 |
| 4.2 | 15.0 | 1254.8 | 875.0 | 20.1 | 6.7 | 181.9 | 22.5 | 0.7 | 22.5 | 305.7 | 325.4 | 7.0 | 41.5 | 4.2 | 36.0 |
| 4.9 | 17.1 | 1503.9 | 850.0 | 18.1 | 3.2 | 181.6 | 22.2 | 0.6 | 22.2 | 305.9 | 322.2 | 5.7 | 37.0 | 5.3 | 0 |
| 5.0 | 15.5 | 1758.8 | 825.0 | 16.3 | 1.0 | 182.2 | 19.8 | 0.8 | 19.8 | 306.5 | 320.9 | 5.0 | 35.5 | 6.4 | 0 |
| 6.8 | 21.5 | 2013.6 | 800.0 | 15.4 | -17.4 | 190.0 | 20.1 | 3.5 | 15.8 | 307.8 | 313.4 | 1.8 | 13.9 | 7.5 | 1 |
| 7.5 | 24.0 | 2288.6 | 775.0 | 16.8 | -39.7 | 200.8 | 17.8 | 6.3 | 16.7 | 311.5 | 312.4 | 0.2 | 1.0 | 8.4 | 3 |
| 8.5 | 26.2 | 2566.8 | 750.0 | 15.7 | -40.3 | 204.6 | 13.9 | 5.8 | 12.7 | 313.7 | 314.2 | 0.1 | 1.0 | 9.2 | 5 |
| 9.4 | 28.7 | 2853.4 | 725.0 | 14.9 | -40.8 | 207.1 | 10.9 | 4.9 | 9.7 | 315.8 | 316.3 | 0.1 | 1.0 | 9.8 | 6 |
| 10.3 | 31.3 | 3148.6 | 700.0 | 13.0 | -41.9 | 225.4 | 7.8 | 5.6 | 5.5 | 316.9 | 317.4 | 0.1 | 1.0 | 10.3 | 7 |
| 11.3 | 33.9 | 3452.3 | 675.0 | 10.8 | -43.3 | 244.0 | 6.0 | 5.4 | 2.6 | 317.8 | 318.2 | 0.1 | 1.0 | 10.5 | 9 |
| 12.4 | 36.3 | 3764.9 | 650.0 | 8.2 | -19.5 | 222.4 | 5.6 | 5.3 | 1.7 | 318.4 | 322.6 | 1.3 | 12.4 | 16.7 | 11 |
| 13.4 | 39.1 | 4096.7 | 625.0 | 5.1 | -13.1 | 244.4 | 7.6 | 6.8 | 3.3 | 318.6 | 325.7 | 2.2 | 25.1 | 16.9 | 13 |
| 14.5 | 41.7 | 4418.3 | 600.0 | 2.2 | -12.7 | 242.6 | 8.3 | 7.4 | 3.8 | 319.0 | 326.5 | 2.4 | 31.7 | 11.3 | 15 |
| 15.6 | 44.6 | 4759.7 | 575.0 | -1.5 | -13.1 | 249.9 | 8.6 | 8.0 | 2.9 | 318.6 | 326.2 | 2.4 | 40.7 | 11.7 | 17 |
| 16.4 | 47.6 | 5111.9 | 550.0 | -4.4 | -20.1 | 263.4 | 10.2 | 10.1 | 1.2 | 319.0 | 323.6 | 1.4 | 28.1 | 12.0 | 14 |
| 18.0 | 50.3 | 5478.5 | 525.0 | -7.2 | -21.1 | 274.2 | 12.7 | 12.7 | -0.9 | 319.9 | 324.3 | 1.3 | 31.7 | 12.3 | 23 |
| 19.4 | 53.6 | 5854.7 | 500.0 | -10.0 | -21.5 | 269.4 | 13.1 | 13.1 | 0.1 | 320.9 | 323.2 | 0.7 | 18.9 | 12.6 | 24 |
| 20.6 | 56.6 | 6248.7 | 475.0 | -12.1 | -28.8 | 280.5 | 14.5 | 14.3 | 2.4 | 323.1 | 325.6 | 0.7 | 23.3 | 13.2 | 31 |
| 21.9 | 60.0 | 6654.3 | 450.0 | -15.7 | -32.5 | 256.3 | 15.8 | 15.4 | 3.8 | 323.6 | 325.5 | 0.5 | 21.8 | 14.1 | 35 |
| 23.3 | 63.4 | 7088.1 | 425.0 | -18.8 | -35.9 | 255.3 | 16.3 | 15.7 | 4.1 | 324.9 | 326.4 | 0.4 | 20.7 | 15.2 | 38 |
| 24.7 | 66.8 | 7538.4 | 400.0 | -21.9 | -40.7 | 263.4 | 20.2 | 20.0 | 2.3 | 328.5 | 327.1 | 0.2 | 5.4 | 16.3 | 41 |
| 26.3 | 70.5 | 8008.9 | 375.0 | -25.2 | -40.0 | 273.5 | 24.1 | 24.0 | -1.5 | 328.2 | 327.3 | 0.3 | 23.6 | 17.8 | 47 |
| 27.9 | 74.3 | 8536.2 | 350.0 | -28.5 | -42.3 | 275.0 | 28.6 | 28.5 | -2.5 | 330.3 | 331.3 | 0.3 | 24.9 | 19.6 | 52 |
| 29.5 | 78.3 | 9033.7 | 325.0 | -32.2 | -48.3 | 271.6 | 31.1 | 31.1 | -0.9 | 332.2 | 332.7 | 0.1 | 18.3 | 22.0 | 57 |
| 31.4 | 82.5 | 9593.3 | 300.0 | -36.8 | -50.6 | 271.9 | 32.8 | 32.8 | -1.1 | 333.4 | 333.9 | 0.1 | 22.2 | 25.1 | 62 |
| 33.5 | 86.8 | 10189.1 | 275.0 | -41.9 | 59.9 | 269.3 | 29.4 | 29.4 | 0.4 | 334.5 | 999.9 | 99.9 | 999.9 | 28.5 | 68 |
| 35.5 | 91.6 | 10827.5 | 250.0 | -47.2 | 99.9 | 267.9 | 27.9 | 29.9 | 1.1 | 335.9 | 999.9 | 99.9 | 999.9 | 32.0 | 98 |
| 37.8 | 96.8 | 11515.1 | 225.0 | -53.4 | 99.9 | 267.8 | 30.5 | 30.5 | 1.2 | 336.6 | 999.9 | 99.9 | 999.9 | 35.4 | 76 |
| 40.2 | 102.2 | 12263.0 | 200.0 | -59.2 | 99.9 | 286.1 | 36.7 | 35.3 | -10.2 | 339.0 | 999.9 | 99.9 | 999.9 | 39.7 | 73 |
| 43.0 | 108.3 | 13085.9 | 175.0 | -64.3 | 99.9 | 283.9 | 41.5 | 38.0 | -16.8 | 343.9 | 999.9 | 99.9 | 999.9 | 45.5 | 78 |
| 45.8 | 115.0 | 14032.9 | 150.0 | -65.0 | 99.9 | 261.6 | 31.7 | 31.4 | 4.6 | 354.1 | 999.9 | 99.9 | 999.9 | 50.5 | 41 |
| 49.3 | 122.3 | 15149.7 | 125.0 | -65.6 | 99.9 | 271.0 | 23.1 | 21.1 | -0.4 | 378.1 | 999.9 | 99.9 | 999.9 | 57.3 | 41 |
| 53.9 | 131.0 | 16486.2 | 100.0 | -71.3 | 99.9 | 254.7 | 23.3 | 22.5 | 6.1 | 390.0 | 999.9 | 99.9 | 999.9 | 62.5 | 81 |
| 59.5 | 141.0 | 18189.0 | 75.0 | -67.5 | 99.9 | 228.7 | 11.6 | 8.7 | 7.6 | 431.4 | 999.9 | 99.9 | 999.9 | 67.2 | 87 |
| 67.2 | 151.7 | 20682.6 | 50.0 | -57.6 | 99.9 | 317.9 | 4.1 | 2.8 | -3.1 | 507.8 | 999.9 | 99.9 | 999.9 | 69.8 | 81 |
| 79.4 | 164.0 | 25104.0 | 25.0 | -50.4 | 99.9 | 90.7 | 6.4 | -6.4 | 0.1 | 639.7 | 999.9 | 99.9 | 999.9 | 66.7 | 82 |

* BY SLEEC MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 260
STEPHENVILLE, TEX

24 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP CG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.9 | 399.0 | 963.8 | 19.0 | 17.8 | 180.0 | 6.2 | 0.0 | 6.2 | 257.1 | 332.4 | 13.5 | 93.0 | 0.0 | 0 |
| 0.9 | 9.9 | 59.9 | 1000.0 | 59.9 | 59.9 | 59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 9.9 | 9.9 | 59.9 | 975.0 | 59.9 | 59.9 | 59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 11.0 | 523.5 | 950.0 | 19.5 | 18.1 | 189.0 | 14.3 | 2.5 | 14.1 | 298.9 | 336.0 | 14.1 | 92.7 | 0.4 | 2 |
| 1.1 | 11.5 | 753.9 | 925.0 | 18.7 | 17.6 | 193.5 | 21.0 | 4.9 | 20.5 | 300.3 | 337.1 | 13.9 | 93.6 | 1.0 | 7 |
| 1.8 | 15.8 | 945.8 | 900.0 | 20.8 | 19.9 | 201.2 | 23.8 | 8.6 | 22.2 | 308.2 | 338.0 | 8.6 | 51.1 | 2.0 | 12 |
| 2.8 | 18.2 | 1233.9 | 875.0 | 21.2 | 9.2 | 207.6 | 17.7 | 8.2 | 15.7 | 308.9 | 330.4 | 6.4 | 46.4 | 3.2 | 17 |
| 3.7 | 20.7 | 1484.7 | 850.0 | 20.1 | 7.9 | 219.8 | 14.4 | 9.2 | 11.1 | 308.3 | 330.6 | 7.9 | 45.3 | 4.0 | 20 |
| 4.5 | 23.2 | 1741.8 | 825.0 | 19.4 | -0.2 | 232.6 | 9.9 | 7.9 | 6.0 | 308.7 | 323.2 | 4.6 | 26.7 | 4.6 | 24 |
| 5.5 | 25.7 | 2005.4 | 800.0 | 17.4 | -2.3 | 226.5 | 9.3 | 6.8 | 6.4 | 310.3 | 322.5 | 4.2 | 26.6 | 5.1 | 25 |
| 6.4 | 28.3 | 2275.3 | 775.0 | 15.1 | -0.0 | 224.8 | 9.0 | 6.3 | 6.4 | 310.7 | 325.2 | 4.9 | 35.5 | 5.6 | 28 |
| 7.3 | 31.0 | 2551.9 | 750.0 | 13.4 | 0.2 | 251.1 | 6.0 | 7.6 | 3.6 | 311.8 | 327.1 | 5.2 | 40.4 | 5.9 | 30 |
| 8.1 | 33.8 | 2836.3 | 725.0 | 11.7 | -0.5 | 262.0 | 8.5 | 8.4 | 1.2 | 316.6 | 320.5 | 2.6 | 21.0 | 6.2 | 33 |
| 9.1 | 36.4 | 3128.4 | 700.0 | 10.2 | -43.7 | 252.9 | 9.6 | 5.1 | 2.8 | 313.8 | 314.2 | 0.1 | 1.0 | 6.5 | 37 |
| 10.0 | 39.3 | 3425.5 | 675.0 | 8.8 | -44.5 | 239.4 | 12.1 | 10.4 | 6.1 | 315.5 | 315.8 | 0.1 | 1.0 | 7.1 | 39 |
| 11.0 | 42.0 | 3719.7 | 650.0 | 6.1 | -46.2 | 238.3 | 12.6 | 10.7 | 6.6 | 315.8 | 316.2 | 0.1 | 1.0 | 7.7 | 40 |
| 11.9 | 45.0 | 4058.7 | 625.0 | 3.0 | -48.1 | 240.4 | 14.1 | 12.2 | 6.9 | 315.9 | 316.2 | 0.1 | 1.0 | 8.5 | 42 |
| 12.9 | 47.0 | 4397.6 | 600.0 | 0.4 | -49.7 | 245.5 | 16.4 | 14.9 | 6.8 | 316.5 | 316.8 | 0.1 | 1.0 | 9.3 | 44 |
| 14.0 | 50.9 | 4726.7 | 575.0 | -2.8 | -46.8 | 249.2 | 17.1 | 16.0 | 6.1 | 316.7 | 317.1 | 0.1 | 1.0 | 10.4 | 46 |
| 15.1 | 54.1 | 5076.5 | 550.0 | -6.2 | -34.8 | 248.4 | 18.5 | 17.2 | 6.8 | 316.7 | 317.9 | 0.4 | 8.2 | 11.4 | 45 |
| 16.3 | 57.3 | 5428.0 | 525.0 | -9.8 | -33.1 | 255.8 | 18.9 | 18.4 | 4.6 | 316.7 | 318.2 | 0.4 | 12.7 | 12.7 | 51 |
| 17.5 | 60.6 | 5812.3 | 500.0 | -12.8 | -44.7 | 255.1 | 19.6 | 18.9 | 5.0 | 317.4 | 317.9 | 0.1 | 1.0 | 14.0 | 54 |
| 18.8 | 64.0 | 6201.0 | 475.0 | -16.1 | -57.5 | 252.7 | 19.8 | 18.9 | 5.9 | 318.0 | 318.1 | 0.0 | 1.4 | 15.4 | 55 |
| 20.3 | 67.3 | 6608.1 | 450.0 | -16.4 | -60.3 | 260.4 | 18.9 | 18.6 | 3.2 | 322.6 | 322.7 | 0.0 | 1.0 | 17.1 | 56 |
| 21.7 | 70.8 | 7034.8 | 425.0 | -20.3 | -62.8 | 254.0 | 20.0 | 19.7 | 3.8 | 322.9 | 323.0 | 0.0 | 1.0 | 18.5 | 57 |
| 23.3 | 74.5 | 7480.2 | 400.0 | -24.3 | -65.4 | 265.0 | 20.7 | 20.6 | 1.8 | 323.4 | 323.4 | 0.0 | 1.0 | 20.3 | 61 |
| 24.7 | 78.3 | 7947.0 | 375.0 | -28.1 | -67.9 | 265.0 | 23.1 | 23.0 | 2.0 | 324.3 | 324.4 | 0.0 | 1.0 | 22.1 | 64 |
| 26.5 | 82.2 | 8438.6 | 350.0 | -31.6 | -70.2 | 266.3 | 26.8 | 26.7 | 1.7 | 326.1 | 326.1 | 0.0 | 1.0 | 24.8 | 66 |
| 28.3 | 86.2 | 8958.1 | 325.0 | -35.9 | -73.0 | 266.3 | 28.5 | 28.5 | 1.9 | 327.2 | 327.2 | 0.0 | 1.0 | 27.3 | 67 |
| 30.1 | 90.0 | 9405.3 | 300.0 | -40.3 | -76.9 | 266.3 | 30.7 | 30.4 | 4.0 | 328.5 | 328.5 | 99.9 | 99.9 | 30.3 | 70 |
| 32.1 | 95.2 | 10056.4 | 275.0 | -45.4 | -79.9 | 266.3 | 32.2 | 32.1 | 2.5 | 329.5 | 329.5 | 99.9 | 99.9 | 34.2 | 71 |
| 34.4 | 99.8 | 10725.8 | 250.0 | -50.0 | -83.9 | 266.3 | 33.7 | 33.7 | 2.0 | 331.7 | 331.7 | 99.9 | 99.9 | 38.7 | 73 |
| 37.0 | 104.8 | 11407.4 | 225.0 | -54.4 | -86.9 | 266.3 | 35.0 | 34.8 | 2.0 | 335.1 | 335.1 | 99.9 | 99.9 | 44.1 | 75 |
| 39.9 | 110.4 | 12153.5 | 200.0 | -59.1 | -91.9 | 270.0 | 44.8 | 44.8 | 0.0 | 338.3 | 338.3 | 99.9 | 99.9 | 51.1 | 76 |
| 43.0 | 116.3 | 12982.2 | 175.0 | -62.3 | -95.3 | 275.5 | 40.4 | 40.4 | -1.9 | 347.1 | 347.1 | 99.9 | 99.9 | 59.8 | 76 |
| 46.5 | 122.8 | 13936.2 | 150.0 | -61.7 | -99.9 | 253.8 | 36.9 | 36.9 | 10.7 | 363.8 | 363.8 | 99.9 | 99.9 | 67.3 | 80 |
| 51.2 | 130.0 | 15066.9 | 125.0 | -60.0 | -99.9 | 267.3 | 31.7 | 31.7 | 1.5 | 380.3 | 380.3 | 99.9 | 99.9 | 77.9 | 80 |
| 55.5 | 137.3 | 16445.8 | 100.0 | -67.7 | -99.9 | 238.5 | 17.2 | 17.2 | 9.0 | 390.9 | 390.9 | 99.9 | 99.9 | 81.2 | 74 |
| 61.3 | 145.0 | 18166.9 | 75.0 | -69.2 | -99.9 | 256.7 | 14.8 | 14.4 | 3.4 | 427.8 | 427.8 | 99.9 | 99.9 | 89.8 | 74 |
| 70.0 | 153.3 | 20670.8 | 50.0 | -58.4 | -99.9 | 253 | 5.1 | -0.2 | -5.1 | 508.0 | 508.0 | 99.9 | 99.9 | 91.9 | 70 |
| 83.3 | 162.3 | 25124.0 | 25.0 | -51.1 | -99.9 | 345.3 | 4.5 | 1.1 | -4.4 | 638.0 | 638.0 | 99.9 | 99.9 | 93.3 | 81 |

ORIGINAL PAGE
OF POOR QUALITY

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEX

26 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GEM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U CGMP M/SEC | V CGMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | P.8 | 314.0 | 971.4 | 21.7 | 18.7 | 110.0 | 5.2 | -4.9 | 1.9 | 299.2 | 336.5 | 14.1 | 82.0 | 0.0 | 0. |
| 99.9 | 55.3 | 99.9 | 1000.0 | 59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 90.3 | 99.9 | 975.0 | 59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.8 | 10.7 | 506.0 | 950.0 | 20.6 | 19.1 | 136.6 | 11.8 | -6.1 | 8.6 | 300.1 | 339.2 | 14.8 | 91.3 | 0.4 | 30.0 |
| 1.6 | 13.1 | 739.8 | 925.0 | 19.4 | 18.7 | 158.1 | 12.3 | -4.6 | 11.4 | 301.1 | 340.5 | 14.9 | 95.8 | 1.0 | 31.0 |
| 2.5 | 15.2 | 575.0 | 900.0 | 17.7 | 17.1 | 174.3 | 13.0 | -1.3 | 12.9 | 301.6 | 338.4 | 13.8 | 95.9 | 1.6 | 31.0 |
| 3.4 | 18.0 | 1217.3 | 875.0 | 19.6 | 13.9 | 192.7 | 11.8 | 2.6 | 11.5 | 305.7 | 337.3 | 11.5 | 65.5 | 2.2 | 34.7 |
| 4.2 | 20.5 | 1467.5 | 850.0 | 19.9 | 10.8 | 185.0 | 13.1 | 1.1 | 13.1 | 306.3 | 335.3 | 9.7 | 56.0 | 2.8 | 34.6 |
| 5.2 | 23.0 | 1725.4 | 825.0 | 20.3 | 8.9 | 178.5 | 11.7 | -0.3 | 11.7 | 311.2 | 336.1 | 6.7 | 48.0 | 3.4 | 35.0 |
| 6.2 | 25.5 | 1991.0 | 800.0 | 19.8 | 2.4 | 177.0 | 12.8 | 0.7 | 12.8 | 313.0 | 330.0 | 5.8 | 32.2 | 4.2 | 35.0 |
| 7.3 | 28.2 | 2266.0 | 775.0 | 19.3 | -5.9 | 180.5 | 12.3 | 0.1 | 12.3 | 315.0 | 324.8 | 3.2 | 17.8 | 5.1 | 35.2 |
| 8.3 | 31.0 | 2544.8 | 750.0 | 17.5 | -0.6 | 203.2 | 10.4 | 4.1 | 9.5 | 316.2 | 330.9 | 4.9 | 29.1 | 5.7 | 35.4 |
| 9.4 | 33.8 | 2833.3 | 725.0 | 15.7 | -5.3 | 226.6 | 10.5 | 7.6 | 7.2 | 317.1 | 328.1 | 3.6 | 23.2 | 6.2 | 35.8 |
| 10.5 | 36.3 | 3129.6 | 700.0 | 13.3 | -10.2 | 241.6 | 11.0 | 9.7 | 5.2 | 317.6 | 325.5 | 2.5 | 18.4 | 6.6 | 3. |
| 11.6 | 39.2 | 3433.7 | 675.0 | 10.8 | -14.8 | 249.4 | 11.4 | 10.7 | 4.0 | 317.9 | 323.7 | 1.8 | 15.0 | 6.9 | 9. |
| 12.6 | 41.9 | 3746.4 | 650.0 | 8.1 | -15.2 | 250.3 | 11.4 | 10.7 | 3.8 | 318.4 | 324.2 | 1.8 | 17.4 | 7.3 | 13. |
| 13.9 | 44.9 | 4067.7 | 625.0 | 4.9 | -14.7 | 247.6 | 11.1 | 10.2 | 4.2 | 318.3 | 324.6 | 2.0 | 22.5 | 7.9 | 15. |
| 15.2 | 48.0 | 4358.8 | 600.0 | 2.2 | -14.2 | 247.4 | 11.3 | 10.4 | 4.3 | 318.9 | 325.6 | 2.1 | 28.4 | 8.5 | 23. |
| 16.3 | 51.0 | 4740.1 | 575.0 | -1.7 | -16.1 | 246.0 | 11.4 | 10.4 | 4.6 | 319.2 | 324.2 | 1.9 | 34.2 | 9.0 | 27. |
| 17.4 | 54.1 | 5091.8 | 550.0 | -4.9 | -17.2 | 243.2 | 13.6 | 12.2 | 6.1 | 319.5 | 324.3 | 1.8 | 37.3 | 9.6 | 29. |
| 18.5 | 57.3 | 5456.3 | 525.0 | -7.3 | -19.4 | 252.5 | 16.2 | 15.5 | 4.9 | 319.8 | 325.3 | 1.7 | 40.7 | 10.5 | 32. |
| 19.6 | 60.6 | 5834.0 | 500.0 | -11.0 | -19.9 | 257.3 | 17.2 | 16.8 | 3.8 | 319.8 | 324.9 | 1.6 | 47.5 | 11.5 | 37. |
| 21.1 | 64.0 | 6225.1 | 475.0 | -14.3 | -29.0 | 257.0 | 16.1 | 15.6 | 3.6 | 320.4 | 322.8 | 0.7 | 27.4 | 12.5 | 41. |
| 22.8 | 67.5 | 6635.7 | 450.0 | -15.0 | -48.5 | 254.3 | 13.3 | 12.8 | 3.6 | 324.3 | 324.7 | 0.1 | 3.9 | 13.7 | 45. |
| 24.2 | 70.9 | 7055.2 | 425.0 | -18.0 | -52.6 | 254.7 | 13.8 | 13.4 | 3.6 | 325.8 | 326.1 | 0.1 | 3.0 | 14.8 | 47. |
| 26.0 | 74.7 | 7514.7 | 400.0 | -22.0 | -50.5 | 261.2 | 15.3 | 15.2 | 2.3 | 326.3 | 326.7 | 0.1 | 5.5 | 16.0 | 50. |
| 27.7 | 78.7 | 7980.4 | 375.0 | -25.5 | -36.4 | 263.4 | 19.7 | 19.6 | 2.3 | 327.2 | 329.4 | 0.4 | 35.1 | 17.5 | 53. |
| 29.5 | 82.6 | 8483.6 | 350.0 | -25.2 | -43.0 | 268.0 | 26.5 | 26.5 | 0.9 | 329.4 | 330.3 | 0.2 | 26.0 | 18.6 | 57. |
| 31.3 | 86.6 | 9008.0 | 325.0 | -33.6 | -38.2 | 267.3 | 30.4 | 30.4 | 1.5 | 330.3 | 331.8 | 0.4 | 63.2 | 22.5 | 61. |
| 33.4 | 91.2 | 9565.3 | 300.0 | -37.8 | -42.5 | 269.1 | 33.4 | 33.4 | 0.5 | 332.1 | 333.2 | 0.3 | 61.0 | 24.2 | 65. |
| 35.7 | 95.7 | 10159.2 | 275.0 | -42.6 | -49.9 | 269.7 | 33.7 | 33.5 | 3.7 | 333.5 | 334.6 | 0.9 | 99.9 | 30.4 | 68. |
| 38.1 | 100.5 | 10766.2 | 250.0 | -47.5 | -59.9 | 261.0 | 33.7 | 33.3 | 5.3 | 335.4 | 336.9 | 0.9 | 99.9 | 34.9 | 70. |
| 40.3 | 105.6 | 11483.1 | 225.0 | -53.3 | -69.9 | 268.2 | 38.7 | 39.6 | 1.2 | 336.9 | 337.6 | 0.9 | 99.9 | 40.1 | 72. |
| 43.3 | 111.2 | 12229.9 | 200.0 | -60.1 | -69.9 | 270.3 | 40.7 | 40.7 | -0.2 | 337.6 | 338.9 | 0.9 | 99.9 | 46.1 | 74. |
| 46.3 | 117.0 | 13051.9 | 175.0 | -66.0 | -69.9 | 274.9 | 50.6 | 50.4 | -4.2 | 341.0 | 342.9 | 0.9 | 99.9 | 53.4 | 77. |
| 49.5 | 122.9 | 13985.9 | 150.0 | -65.8 | -69.9 | 264.3 | 40.1 | 39.9 | 4.0 | 350.7 | 350.9 | 0.9 | 99.9 | 62.0 | 80. |
| 53.5 | 131.3 | 15100.3 | 125.0 | -65.8 | -69.9 | 261.6 | 33.9 | 33.6 | 5.0 | 375.8 | 375.9 | 0.9 | 99.9 | 69.4 | 79. |
| 58.3 | 138.7 | 16453.3 | 100.0 | -69.1 | -69.9 | 255.2 | 17.6 | 17.0 | 4.5 | 394.2 | 394.9 | 0.9 | 99.9 | 76.2 | 80. |
| 64.2 | 147.0 | 18147.7 | 75.0 | -70.9 | -69.9 | 235.2 | 18.0 | 14.8 | 10.3 | 424.3 | 424.9 | 0.9 | 99.9 | 81.6 | 79. |
| 72.4 | 156.5 | 20629.7 | 50.0 | -58.6 | -59.9 | 24.3 | 4.0 | -1.7 | -3.7 | 505.5 | 505.9 | 0.9 | 99.9 | 85.4 | 76. |
| 99.9 | 99.9 | 59.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 306
HATTERAS, NC

24 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEV PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCNP M/SEC | POT T DG K | E POT T DG K | MX RTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 3.9 | 4.0 | 1023.7 | 19.8 | 13.7 | 220.0 | 6.2 | 4.0 | 4.7 | 292.3 | 317.6 | 9.7 | 58.0 | 0.7 | 0. |
| 0.7 | 5.3 | 206.3 | 1300.0 | 19.8 | 10.9 | 213.1 | 15.4 | 8.4 | 12.9 | 294.1 | 315.9 | 8.2 | 56.6 | 0.7 | 32. |
| 1.4 | 6.0 | 423.7 | 575.0 | 17.6 | 9.3 | 212.6 | 17.5 | 9.5 | 14.9 | 292.9 | 314.0 | 7.6 | 58.2 | 1.3 | 33. |
| 2.2 | 10.2 | 645.3 | 950.0 | 15.5 | 8.5 | 209.9 | 16.2 | 8.1 | 14.0 | 293.9 | 313.5 | 7.4 | 62.7 | 2.2 | 32. |
| 2.9 | 12.4 | 811.0 | 925.0 | 13.3 | 8.3 | 212.3 | 17.2 | 9.2 | 14.6 | 293.9 | 313.8 | 7.5 | 71.8 | 2.9 | 32. |
| 3.6 | 14.8 | 1101.0 | 900.0 | 11.3 | 7.9 | 214.9 | 16.3 | 9.3 | 13.4 | 294.2 | 314.0 | 7.4 | 74.7 | 3.6 | 32. |
| 4.3 | 16.9 | 1336.0 | 875.0 | 9.4 | 7.1 | 216.5 | 16.2 | 9.6 | 13.0 | 294.5 | 313.9 | 7.3 | 85.2 | 4.2 | 32. |
| 5.1 | 19.4 | 1576.3 | 850.0 | 8.2 | 6.1 | 224.1 | 14.3 | 10.0 | 10.3 | 295.3 | 307.9 | 4.6 | 56.9 | 5.0 | 33. |
| 6.0 | 21.6 | 1822.6 | 825.0 | 7.8 | 6.2 | 240.3 | 14.2 | 12.4 | 7.0 | 297.3 | 305.6 | 2.9 | 36.7 | 5.7 | 31. |
| 6.8 | 24.2 | 2075.7 | 800.0 | 6.1 | 8.9 | 257.6 | 12.9 | 12.6 | 2.8 | 298.0 | 305.1 | 2.4 | 33.1 | 6.2 | 39. |
| 7.6 | 26.3 | 2335.2 | 775.0 | 4.8 | 9.7 | 264.0 | 12.7 | 12.6 | 1.3 | 298.3 | 306.2 | 2.4 | 34.1 | 6.7 | 43. |
| 8.3 | 29.1 | 2602.0 | 750.0 | 3.6 | 3.5 | 264.8 | 12.3 | 12.2 | 1.1 | 301.7 | 312.2 | 3.9 | 59.7 | 7.2 | 47. |
| 9.4 | 31.8 | 2876.6 | 725.0 | 1.7 | 5.4 | 266.0 | 11.8 | 11.8 | 0.8 | 301.0 | 311.9 | 3.5 | 59.4 | 7.8 | 50. |
| 10.2 | 34.4 | 3155.1 | 700.0 | 0.5 | 0.5 | 285.1 | 11.6 | 11.2 | -3.0 | 303.8 | 319.9 | 5.7 | 100.7 | 8.2 | 52. |
| 11.2 | 37.3 | 3450.6 | 675.0 | -1.3 | -1.3 | 302.2 | 13.1 | 11.1 | -7.0 | 304.9 | 319.7 | 5.2 | 104.1 | 8.5 | 57. |
| 12.1 | 35.8 | 3751.3 | 650.0 | -2.9 | -3.7 | 298.4 | 12.7 | 11.2 | -6.0 | 306.3 | 319.2 | 4.5 | 95.0 | 8.8 | 61. |
| 13.1 | 42.5 | 4061.5 | 625.0 | -4.8 | -6.3 | 289.5 | 11.0 | 11.0 | -3.9 | 307.5 | 318.7 | 3.8 | 85.0 | 9.3 | 64. |
| 14.2 | 45.4 | 4381.9 | 600.0 | -6.9 | -6.9 | 285.7 | 10.5 | 10.1 | -2.8 | 308.5 | 319.7 | 3.0 | 101.8 | 9.9 | 67. |
| 15.3 | 48.4 | 4714.0 | 575.0 | -7.4 | -11.0 | 282.6 | 11.0 | 10.4 | -3.5 | 311.7 | 323.5 | 2.9 | 75.5 | 10.4 | 70. |
| 16.3 | 51.3 | 5055.2 | 550.0 | -9.2 | -16.6 | 292.8 | 13.0 | 11.9 | -5.0 | 313.4 | 319.3 | 1.9 | 54.5 | 10.9 | 72. |
| 17.4 | 54.5 | 5417.9 | 525.0 | -11.3 | -18.4 | 292.1 | 15.8 | 14.7 | -6.0 | 315.0 | 320.4 | 1.7 | 55.6 | 11.7 | 75. |
| 18.5 | 57.4 | 5790.8 | 500.0 | -13.7 | -18.5 | 289.3 | 16.6 | 15.7 | -5.5 | 316.5 | 322.2 | 1.8 | 66.5 | 12.6 | 78. |
| 19.7 | 60.7 | 6179.1 | 475.0 | -16.3 | -20.6 | 285.1 | 16.8 | 16.2 | -4.4 | 317.9 | 323.0 | 1.6 | 69.2 | 13.6 | 81. |
| 21.0 | 64.3 | 6583.9 | 450.0 | -19.4 | -23.5 | 279.0 | 19.5 | 19.3 | -3.1 | 319.0 | 323.1 | 1.3 | 69.4 | 14.9 | 82. |
| 22.3 | 67.6 | 7006.3 | 425.0 | -22.7 | -27.1 | 275.9 | 18.0 | 17.9 | -1.9 | 320.0 | 323.2 | 1.0 | 66.9 | 16.4 | 84. |
| 23.7 | 71.0 | 7447.9 | 400.0 | -26.3 | -31.2 | 277.6 | 21.0 | 20.8 | -2.8 | 320.9 | 323.2 | 0.7 | 62.5 | 17.9 | 87. |
| 25.0 | 74.8 | 7911.0 | 375.0 | -29.5 | -34.9 | 290.7 | 18.3 | 17.1 | -6.5 | 322.5 | 323.9 | 99.9 | 99.9 | 19.5 | 89. |
| 26.3 | 78.8 | 8400.2 | 350.0 | -33.2 | -38.9 | 295.6 | 19.0 | 16.5 | -9.4 | 324.0 | 325.9 | 99.9 | 99.9 | 20.7 | 91. |
| 27.8 | 82.7 | 8917.1 | 325.0 | -36.9 | -42.9 | 299.6 | 21.0 | 18.2 | -10.4 | 325.9 | 326.9 | 99.9 | 99.9 | 22.3 | 91. |
| 29.3 | 86.8 | 9464.8 | 300.0 | -41.6 | -46.9 | 298.0 | 23.3 | 20.8 | -11.0 | 326.7 | 326.9 | 99.9 | 99.9 | 24.0 | 93. |
| 31.0 | 91.4 | 10049.6 | 275.0 | -45.8 | -50.9 | 299.7 | 24.3 | 21.1 | -12.0 | 328.8 | 326.9 | 99.9 | 99.9 | 26.2 | 95. |
| 32.7 | 95.0 | 10678.3 | 250.0 | -50.6 | -54.9 | 298.6 | 28.1 | 23.7 | -13.4 | 330.9 | 326.9 | 99.9 | 99.9 | 28.2 | 97. |
| 34.7 | 101.3 | 11356.9 | 225.0 | -56.0 | -59.9 | 301.1 | 27.6 | 23.6 | -14.3 | 332.7 | 326.9 | 99.9 | 99.9 | 31.6 | 100. |
| 36.7 | 106.4 | 12098.4 | 200.0 | -60.5 | -64.9 | 307.0 | 23.2 | 18.5 | -14.0 | 337.0 | 326.9 | 99.9 | 99.9 | 34.4 | 102. |
| 38.7 | 112.0 | 12922.0 | 175.0 | -63.2 | -68.9 | 308.8 | 32.0 | 24.9 | -20.0 | 345.6 | 326.9 | 99.9 | 99.9 | 37.2 | 104. |
| 41.2 | 118.3 | 13873.8 | 150.0 | -61.3 | -65.9 | 291.9 | 35.0 | 32.4 | -13.0 | 368.6 | 326.9 | 99.9 | 99.9 | 42.1 | 106. |
| 44.5 | 125.3 | 15021.1 | 125.0 | -58.6 | -62.9 | 293.2 | 37.3 | 34.3 | -14.7 | 389.0 | 326.9 | 99.9 | 99.9 | 49.7 | 107. |
| 48.3 | 133.0 | 16409.7 | 100.0 | -62.3 | -69.9 | 311.9 | 9.2 | 12.5 | -9.2 | 407.3 | 326.9 | 99.9 | 99.9 | 55.6 | 107. |
| 52.6 | 140.7 | 18157.8 | 75.0 | -66.3 | -74.9 | 302.9 | 14.9 | 12.5 | -8.1 | 434.0 | 326.9 | 99.9 | 99.9 | 58.2 | 109. |
| 59.0 | 149.0 | 20071.1 | 50.0 | -58.6 | -69.9 | 346.9 | 11.1 | 2.1 | -10.9 | 504.9 | 326.9 | 99.9 | 99.9 | 62.1 | 110. |
| 67.8 | 157.3 | 25123.0 | 25.0 | -50.6 | -69.9 | 75.3 | 6.3 | -6.1 | -1.6 | 636.7 | 326.9 | 99.9 | 99.9 | 62.0 | 112. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 311
ATMENS, GA24 APRIL 1975
1115 GMT

| TIME MIN | CATCT | HEIGHT GFW | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT Y DG K | E POT Y DG K | MR RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.6 | 246.0 | 992.2 | 14.1 | 12.7 | 200.0 | 2.6 | 0.9 | 2.4 | 285.1 | 313.1 | 9.3 | 91.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 0.5 | 8.2 | 294.2 | 975.0 | 15.1 | 13.3 | 203.0 | 14.8 | 5.6 | 13.6 | 291.6 | 317.3 | 9.9 | 85.2 | 0.3 | 17. |
| 1.2 | 10.5 | 615.0 | 950.0 | 15.4 | 11.8 | 212.9 | 16.3 | 8.9 | 13.7 | 294.1 | 318.3 | 9.2 | 78.7 | 1.0 | 23. |
| 2.0 | 12.6 | 841.3 | 925.0 | 14.5 | 8.4 | 222.7 | 13.4 | 9.1 | 9.8 | 255.1 | 315.3 | 7.5 | 67.1 | 1.7 | 30. |
| 2.8 | 15.7 | 1072.4 | 900.0 | 12.9 | 8.6 | 229.3 | 13.8 | 10.4 | 5.0 | 255.8 | 316.9 | 7.9 | 75.5 | 2.3 | 35. |
| 3.7 | 17.3 | 1309.4 | 875.0 | 11.3 | 8.8 | 228.2 | 13.6 | 10.1 | 9.1 | 296.6 | 318.5 | 8.2 | 64.5 | 3.0 | 38. |
| 4.5 | 15.8 | 1551.2 | 850.0 | 9.1 | 7.9 | 231.4 | 16.4 | 12.8 | 10.2 | 296.7 | 318.0 | 7.9 | 92.4 | 3.7 | 40. |
| 5.3 | 22.0 | 1754.9 | 825.0 | 7.8 | 6.8 | 236.6 | 17.2 | 14.4 | 5.5 | 297.9 | 318.3 | 7.6 | 93.7 | 4.5 | 43. |
| 6.2 | 24.6 | 2052.5 | 800.0 | 10.1 | -15.6 | 239.7 | 14.5 | 12.5 | 7.3 | 302.1 | 306.6 | 1.5 | 15.2 | 5.3 | 45. |
| 7.0 | 27.0 | 2315.5 | 775.0 | 8.5 | -8.8 | 241.0 | 10.3 | 9.0 | 5.0 | 303.4 | 312.0 | 3.0 | 32.8 | 6.0 | 46. |
| 8.1 | 29.6 | 2585.5 | 750.0 | 5.5 | -0.1 | 241.0 | 9.5 | 8.3 | 4.6 | 303.2 | 317.6 | 5.1 | 67.2 | 6.5 | 48. |
| 9.1 | 32.2 | 2862.3 | 725.0 | 3.7 | -4.0 | 242.7 | 10.6 | 9.4 | 4.9 | 305.0 | 315.4 | 4.0 | 57.4 | 7.1 | 47. |
| 10.1 | 35.0 | 3147.0 | 700.0 | 2.8 | -5.8 | 251.1 | 10.6 | 10.0 | 3.4 | 305.0 | 316.4 | 3.5 | 53.1 | 7.7 | 51. |
| 11.1 | 37.4 | 3442.1 | 675.0 | 3.6 | -6.4 | 269.0 | 10.1 | 10.1 | 0.2 | 310.1 | 320.5 | 3.5 | 48.0 | 8.3 | 52. |
| 12.2 | 40.3 | 3747.9 | 650.0 | 1.9 | -6.1 | 278.2 | 9.8 | 9.7 | -1.4 | 311.6 | 322.7 | 3.7 | 55.3 | 8.7 | 50. |
| 13.3 | 43.0 | 4063.0 | 625.0 | -0.7 | -10.2 | 270.3 | 9.7 | 9.7 | -0.0 | 312.0 | 323.6 | 2.8 | 46.2 | 9.2 | 56. |
| 14.5 | 46.0 | 4387.7 | 600.0 | -3.5 | -10.2 | 267.2 | 11.2 | 11.1 | 0.5 | 312.4 | 321.3 | 2.9 | 59.4 | 9.8 | 60. |
| 15.6 | 49.0 | 4722.4 | 575.0 | -6.2 | -20.1 | 272.9 | 13.6 | 13.8 | -0.9 | 312.8 | 317.1 | 1.3 | 32.1 | 10.6 | 62. |
| 17.7 | 51.9 | 5069.6 | 550.0 | -8.0 | -26.4 | 282.2 | 16.4 | 15.6 | -5.1 | 314.6 | 317.3 | 0.8 | 21.1 | 11.6 | 67. |
| 18.5 | 55.0 | 5428.6 | 525.0 | -11.6 | -24.3 | 286.4 | 16.3 | 15.6 | -4.6 | 314.5 | 317.8 | 1.0 | 34.0 | 12.3 | 71. |
| 20.0 | 58.0 | 5800.2 | 500.0 | -15.1 | -24.0 | 289.9 | 16.1 | 15.2 | -5.5 | 314.7 | 319.2 | 1.1 | 46.4 | 13.3 | 75. |
| 21.5 | 61.3 | 6185.3 | 475.0 | -18.9 | -23.9 | 285.7 | 17.4 | 15.8 | -4.7 | 314.7 | 318.4 | 1.2 | 64.6 | 15.2 | 78. |
| 23.1 | 64.6 | 6596.5 | 450.0 | -15.8 | -44.1 | 286.7 | 18.0 | 17.2 | -5.2 | 318.3 | 313.9 | 0.2 | 9.3 | 16.7 | 82. |
| 24.7 | 68.0 | 7004.3 | 425.0 | -22.6 | -45.9 | 291.1 | 17.1 | 16.0 | -6.2 | 320.0 | 323.5 | 0.1 | 9.8 | 18.2 | 87. |
| 26.3 | 71.4 | 7451.7 | 400.0 | -24.8 | -47.4 | 286.5 | 20.0 | 19.2 | -5.7 | 323.7 | 323.2 | 0.1 | 10.0 | 19.7 | 87. |
| 28.0 | 75.2 | 7918.2 | 375.0 | -27.9 | -49.5 | 284.0 | 21.2 | 20.6 | -5.1 | 324.6 | 325.0 | 0.1 | 10.3 | 21.9 | 87. |
| 29.9 | 79.2 | 8410.4 | 350.0 | -31.6 | -52.4 | 283.9 | 21.7 | 21.1 | -4.2 | 326.1 | 326.4 | 0.1 | 10.7 | 24.4 | 87. |
| 32.1 | 83.0 | 8930.2 | 325.0 | -35.6 | -55.3 | 279.3 | 25.9 | 25.5 | -7.0 | 327.5 | 327.7 | 0.1 | 11.1 | 27.4 | 90. |
| 34.2 | 87.0 | 9482.8 | 300.0 | -39.6 | -58.3 | 284.0 | 28.8 | 27.9 | -8.4 | 329.4 | 329.6 | 0.0 | 11.5 | 30.4 | 91. |
| 36.3 | 91.8 | 10072.0 | 275.0 | -44.3 | -61.3 | 286.0 | 30.6 | 29.4 | -8.4 | 331.1 | 329.9 | 99.9 | 99.9 | 34.7 | 91. |
| 38.7 | 96.6 | 10703.4 | 250.0 | -49.5 | -64.3 | 285.6 | 21.0 | 20.2 | -5.6 | 332.6 | 329.9 | 99.9 | 99.9 | 38.2 | 98. |
| 41.2 | 101.0 | 11365.8 | 225.0 | -54.5 | -67.3 | 296.5 | 26.2 | 23.5 | -11.7 | 335.0 | 329.9 | 99.9 | 99.9 | 41.6 | 98. |
| 43.8 | 104.3 | 12131.1 | 200.0 | -59.5 | -69.9 | 305.4 | 26.1 | 21.3 | -15.1 | 338.5 | 329.9 | 99.9 | 99.9 | 45.7 | 92. |
| 47.0 | 112.0 | 12962.1 | 175.0 | -60.1 | -69.9 | 283.9 | 29.1 | 27.3 | -6.7 | 350.7 | 329.9 | 99.9 | 99.9 | 51.6 | 100. |
| 50.3 | 118.3 | 13916.8 | 150.0 | -62.1 | -69.9 | 282.9 | 36.9 | 35.0 | -8.3 | 363.1 | 329.9 | 99.9 | 99.9 | 58.1 | 100. |
| 54.8 | 125.3 | 15055.8 | 125.0 | -60.3 | -69.9 | 279.2 | 29.7 | 29.4 | -4.7 | 382.8 | 329.9 | 99.9 | 99.9 | 65.9 | 100. |
| 59.5 | 132.7 | 16435.2 | 100.0 | -65.2 | -69.9 | 279.9 | 11.8 | 11.6 | -2.4 | 401.8 | 329.9 | 99.9 | 99.9 | 71.3 | 100. |
| 65.5 | 140.3 | 18157.5 | 75.0 | -67.6 | -69.9 | 275.3 | 13.6 | 13.6 | -1.2 | 431.3 | 329.9 | 99.9 | 99.9 | 76.5 | 100. |
| 73.7 | 148.0 | 20489.0 | 50.0 | -60.8 | -69.9 | 343.0 | 4.3 | 1.2 | -4.1 | 500.2 | 329.9 | 99.9 | 99.9 | 80.7 | 101. |
| 99.9 | 59.8 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |

ORIGINAL PAGE IS
OF POOR QUALITY* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317
GREENSBORO, NC

24 APRIL 1975
1120 GMT

| TIME MIN | CNTCT | HEIGHT CM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V CCOMP M/SEC | POT V DEG K | E POT T DEG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DEG |
|-------------|-------|--------------|------------|---------------|-----------------|------------|----------------|-----------------|------------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 6.8 | 275.0 | 968.6 | 16.7 | 14.5 | 210.0 | 4.7 | 2.3 | 4.1 | 292.2 | 319.7 | 10.6 | 87.0 | 0.0 | C. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 4.2 | 393.0 | 975.0 | 15.7 | 12.2 | 221.7 | 9.0 | 6.3 | 6.7 | 292.2 | 316.2 | 9.2 | 90.2 | 0.2 | 37. |
| 1.6 | 10.7 | 613.2 | 950.0 | 13.3 | 11.8 | 226.7 | 14.2 | 10.6 | 6.3 | 291.9 | 315.9 | 9.2 | 90.2 | 0.9 | 44. |
| 2.5 | 13.2 | 837.5 | 925.0 | 11.7 | 11.0 | 234.1 | 18.8 | 15.2 | 11.0 | 292.5 | 316.0 | 9.0 | 95.4 | 1.8 | 47. |
| 3.6 | 15.7 | 1066.9 | 900.0 | 10.5 | 9.3 | 238.2 | 23.4 | 19.3 | 12.3 | 293.4 | 315.8 | 8.5 | 95.3 | 3.2 | 51. |
| 4.7 | 18.2 | 1301.7 | 875.0 | 10.1 | 9.2 | 243.1 | 28.4 | 21.5 | 10.9 | 295.3 | 317.6 | 8.4 | 94.1 | 4.7 | 54. |
| 5.7 | 20.7 | 1543.2 | 850.0 | 10.0 | 6.7 | 243.7 | 31.8 | 19.1 | 9.5 | 297.6 | 317.4 | 7.3 | 79.8 | 6.1 | 57. |
| 6.7 | 23.3 | 1791.4 | 825.0 | 8.6 | 6.4 | 239.9 | 19.8 | 17.1 | 9.9 | 298.7 | 318.7 | 7.4 | 85.9 | 7.3 | 57. |
| 7.6 | 25.3 | 2045.9 | 800.0 | 7.7 | 5.6 | 240.3 | 14.6 | 12.7 | 7.3 | 300.3 | 320.0 | 7.2 | 86.4 | 8.3 | 54. |
| 8.6 | 26.8 | 2307.4 | 775.0 | 6.3 | 4.8 | 247.7 | 11.3 | 10.4 | 4.3 | 301.5 | 320.8 | 7.0 | 90.0 | 9.1 | 58. |
| 9.6 | 31.7 | 2576.5 | 750.0 | 5.2 | 4.0 | 265.6 | 10.4 | 10.3 | 0.8 | 303.1 | 322.1 | 6.8 | 92.2 | 9.6 | 59. |
| 10.7 | 34.6 | 2851.1 | 725.0 | 3.8 | 2.0 | 271.5 | 10.1 | 10.1 | -0.3 | 304.5 | 321.8 | 6.1 | 88.1 | 10.2 | 61. |
| 11.9 | 37.3 | 3118.1 | 700.0 | 2.2 | -0.8 | 258.0 | 12.1 | 11.9 | 2.5 | 305.6 | 320.3 | 5.2 | 80.6 | 10.9 | 63. |
| 13.0 | 40.3 | 3431.5 | 675.0 | 0.7 | -2.4 | 249.2 | 9.5 | 8.8 | 3.4 | 307.1 | 320.8 | 4.8 | 79.2 | 11.7 | 64. |
| 14.1 | 43.3 | 3733.6 | 650.0 | -1.5 | -6.8 | 244.4 | 9.6 | 8.6 | 4.1 | 307.7 | 318.2 | 3.6 | 67.5 | 12.2 | 64. |
| 15.2 | 46.4 | 4045.4 | 625.0 | -3.0 | -13.9 | 255.3 | 13.0 | 12.6 | 3.3 | 309.3 | 315.7 | 2.1 | 42.4 | 13.0 | 64. |
| 16.3 | 49.6 | 4368.0 | 600.0 | -4.6 | -18.8 | 264.2 | 15.0 | 14.9 | 1.5 | 310.9 | 315.5 | 1.4 | 31.4 | 13.9 | 65. |
| 17.4 | 52.5 | 4701.4 | 575.0 | -6.9 | -26.1 | 265.5 | 15.6 | 15.6 | 0.1 | 312.0 | 315.0 | 1.0 | 24.0 | 14.9 | 67. |
| 18.7 | 55.3 | 5046.4 | 550.0 | -9.7 | -38.3 | 275.2 | 17.7 | 17.6 | -1.6 | 312.6 | 313.5 | 0.3 | 7.6 | 16.0 | 69. |
| 20.0 | 59.1 | 5402.8 | 525.0 | -13.2 | -34.1 | 280.4 | 18.2 | 17.9 | -3.3 | 312.5 | 313.9 | 0.4 | 15.4 | 17.3 | 71. |
| 21.6 | 62.7 | 5772.1 | 500.0 | -16.0 | -56.1 | 285.3 | 21.0 | 20.2 | -5.5 | 313.5 | 313.6 | 0.0 | 1.7 | 18.3 | 74. |
| 23.2 | 66.1 | 6157.3 | 475.0 | -17.2 | -60.8 | 285.5 | 22.0 | 21.6 | -4.0 | 316.7 | 316.8 | 0.0 | 1.0 | 20.7 | 77. |
| 24.6 | 69.8 | 6500.6 | 450.0 | -19.6 | -62.4 | 286.1 | 20.1 | 19.3 | -5.6 | 318.6 | 318.6 | 0.0 | 1.0 | 23.4 | 79. |
| 26.0 | 73.3 | 6821.8 | 425.0 | -21.9 | -63.9 | 288.1 | 21.9 | 20.8 | -6.8 | 320.9 | 321.0 | 0.0 | 1.0 | 25.8 | 81. |
| 27.3 | 77.3 | 7127.5 | 400.0 | -25.3 | -66.1 | 288.9 | 21.4 | 20.3 | -7.0 | 322.1 | 322.1 | 0.0 | 1.0 | 28.5 | 83. |
| 28.4 | 81.0 | 7451.9 | 375.0 | -29.3 | -57.2 | 294.0 | 20.8 | 19.0 | -8.5 | 322.7 | 322.9 | 0.1 | 4.4 | 27.1 | 85. |
| 30.3 | 85.1 | 8380.4 | 350.0 | -32.9 | -47.3 | 293.0 | 17.7 | 16.3 | -6.9 | 324.3 | 324.9 | 0.1 | 22.0 | 28.6 | 86. |
| 32.0 | 94.4 | 8898.8 | 325.0 | -36.3 | -47.2 | 294.5 | 20.7 | 18.8 | -8.6 | 326.5 | 327.2 | 0.2 | 31.3 | 30.6 | 86. |
| 33.7 | 98.3 | 9449.2 | 300.0 | -40.4 | 99.9 | 303.2 | 18.9 | 15.9 | -10.3 | 328.5 | 329.9 | 0.2 | 99.9 | 32.0 | 87. |
| 35.8 | 98.9 | 10035.4 | 275.0 | -45.9 | 99.9 | 297.0 | 21.4 | 19.1 | -9.7 | 329.6 | 329.9 | 0.0 | 99.9 | 34.2 | 92. |
| 37.9 | 103.6 | 10662.6 | 250.0 | -51.4 | 99.9 | 298.7 | 28.2 | 24.9 | -13.5 | 329.6 | 329.9 | 0.0 | 99.9 | 37.2 | 94. |
| 40.1 | 109.1 | 11337.4 | 225.0 | -57.4 | 99.9 | 297.7 | 28.6 | 25.3 | -13.3 | 330.6 | 329.9 | 0.0 | 99.9 | 41.0 | 96. |
| 42.9 | 115.0 | 12074.0 | 200.0 | -61.9 | 99.9 | 287.2 | 31.7 | 30.3 | -6.4 | 334.6 | 329.9 | 0.0 | 99.9 | 45.5 | 94. |
| 45.9 | 121.0 | 12901.6 | 175.0 | -58.8 | 99.9 | 293.7 | 35.5 | 32.6 | -14.3 | 332.6 | 329.9 | 0.0 | 99.9 | 51.2 | 100. |
| 49.1 | 127.4 | 13876.3 | 150.0 | -58.0 | 99.9 | 289.3 | 34.5 | 32.6 | -11.4 | 370.1 | 329.9 | 0.0 | 99.9 | 57.5 | 101. |
| 52.9 | 135.3 | 15011.0 | 125.0 | -62.8 | 99.9 | 287.8 | 20.5 | 19.5 | -6.3 | 381.3 | 329.9 | 0.0 | 99.9 | 64.1 | 102. |
| 57.7 | 142.3 | 16382.6 | 100.0 | -63.6 | 99.9 | 275.0 | 24.9 | 24.4 | -2.1 | 404.5 | 329.9 | 0.0 | 99.9 | 71.8 | 102. |
| 63.4 | 150.3 | 18134.9 | 75.0 | -65.4 | 99.9 | 276.9 | 9.6 | 9.6 | -1.2 | 435.8 | 329.9 | 0.0 | 99.9 | 75.6 | 102. |
| 71.9 | 159.5 | 20442.9 | 50.0 | -58.8 | 99.9 | 24.2 | 5.6 | -2.3 | -5.1 | 505.1 | 329.9 | 0.0 | 99.9 | 78.8 | 103. |
| 84.6 | 169.0 | 25377.8 | 25.0 | -51.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 638.2 | 329.9 | 0.0 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 327
NASHVILLE, TENN

24 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GEN | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T LG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGF KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.4 | 190.0 | 993.0 | 19.0 | 15.1 | 210.0 | 5.2 | 2.6 | 4.5 | 298.2 | 322.8 | 10.9 | 78.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0 |
| 3.4 | 6.7 | 337.5 | 975.0 | 18.3 | 15.4 | 99.9 | 99.9 | 99.9 | 99.9 | 295.1 | 324.9 | 11.4 | 82.9 | 99.9 | 99.9 |
| 1.1 | 6.8 | 560.1 | 950.0 | 16.5 | 15.0 | 99.9 | 99.9 | 99.9 | 99.9 | 295.5 | 325.3 | 11.4 | 90.9 | 99.9 | 99.9 |
| 1.8 | 10.7 | 787.4 | 925.0 | 14.9 | 13.9 | 99.9 | 99.9 | 99.9 | 99.9 | 296.0 | 324.7 | 10.9 | 93.6 | 99.9 | 99.9 |
| 2.7 | 12.7 | 1015.7 | 900.0 | 14.7 | 13.7 | 225.2 | 25.7 | 19.2 | 16.1 | 299.1 | 327.4 | 11.0 | 93.8 | 3.0 | 30 |
| 3.6 | 14.8 | 1258.9 | 875.0 | 14.9 | 12.7 | 226.7 | 25.1 | 18.3 | 17.2 | 300.7 | 329.4 | 10.7 | 86.9 | 4.4 | 36 |
| 4.4 | 16.8 | 1508.5 | 850.0 | 13.6 | 11.8 | 225.1 | 24.3 | 17.2 | 17.2 | 301.8 | 329.7 | 10.3 | 88.9 | 5.6 | 38 |
| 5.3 | 19.1 | 1755.7 | 825.0 | 11.5 | 9.9 | 230.5 | 21.4 | 14.5 | 13.6 | 302.0 | 327.5 | 9.4 | 90.3 | 6.4 | 38 |
| 6.2 | 21.1 | 2013.1 | 800.0 | 10.5 | 8.2 | 233.0 | 19.1 | 15.2 | 11.5 | 303.5 | 327.1 | 8.6 | 92.9 | 7.9 | 41 |
| 7.1 | 23.5 | 2277.5 | 775.0 | 8.7 | 7.6 | 238.4 | 19.4 | 15.8 | 11.2 | 304.3 | 327.8 | 8.5 | 92.9 | 8.8 | 41 |
| 8.0 | 25.8 | 2546.7 | 750.0 | 7.2 | 5.9 | 235.3 | 19.7 | 16.3 | 11.1 | 305.4 | 327.1 | 7.8 | 91.7 | 9.9 | 44 |
| 8.9 | 28.1 | 2827.4 | 725.0 | 5.6 | 4.2 | 235.8 | 19.9 | 16.4 | 11.2 | 306.5 | 326.8 | 7.2 | 91.3 | 10.9 | 45 |
| 9.8 | 30.6 | 3114.1 | 700.0 | 3.6 | 2.3 | 238.2 | 21.1 | 17.9 | 11.1 | 307.3 | 325.7 | 6.5 | 91.4 | 12.0 | 47 |
| 10.7 | 33.1 | 3408.6 | 675.0 | 1.0 | -0.3 | 245.7 | 22.4 | 20.4 | 9.2 | 307.5 | 320.8 | 5.5 | 90.4 | 13.2 | 48 |
| 11.7 | 35.6 | 3711.9 | 650.0 | -0.2 | -5.6 | 251.2 | 22.6 | 25.2 | 8.6 | 309.3 | 320.8 | 3.9 | 67.0 | 14.4 | 50 |
| 12.8 | 38.2 | 4025.6 | 625.0 | -0.9 | -10.5 | 251.3 | 29.5 | 27.9 | 9.5 | 311.7 | 320.1 | 2.8 | 48.3 | 15.2 | 52 |
| 13.7 | 40.7 | 4350.9 | 600.0 | -2.4 | -8.4 | 250.6 | 28.4 | 24.9 | 8.8 | 313.7 | 324.0 | 3.4 | 63.4 | 19.1 | 54 |
| 15.1 | 43.4 | 4687.3 | 575.0 | -5.3 | -7.8 | 249.3 | 25.9 | 24.3 | 6.9 | 314.2 | 325.4 | 3.7 | 82.8 | 19.9 | 55 |
| 16.2 | 46.4 | 5035.3 | 550.0 | -7.5 | -12.0 | 255.3 | 24.9 | 24.1 | 6.0 | 315.5 | 324.1 | 2.8 | 70.7 | 21.5 | 57 |
| 17.5 | 49.3 | 5395.4 | 525.0 | -10.4 | -16.4 | 260.2 | 25.9 | 25.5 | 4.4 | 316.1 | 322.5 | 2.0 | 61.6 | 23.3 | 58 |
| 19.7 | 52.1 | 5749.3 | 500.0 | -13.5 | -23.3 | 268.4 | 28.3 | 28.1 | 3.4 | 316.6 | 323.4 | 1.2 | 43.4 | 25.1 | 60 |
| 20.1 | 55.2 | 6157.4 | 475.0 | -16.9 | -24.4 | 260.3 | 31.2 | 30.8 | 5.2 | 317.1 | 320.8 | 1.1 | 51.8 | 27.4 | 61 |
| 21.4 | 58.3 | 6563.0 | 450.0 | -17.6 | -31.1 | 255.3 | 28.0 | 27.5 | 5.2 | 321.1 | 321.2 | 0.0 | 1.0 | 29.8 | 62 |
| 22.8 | 61.6 | 6972.0 | 425.0 | -21.2 | -33.4 | 262.0 | 25.2 | 24.9 | 3.5 | 321.8 | 321.8 | 0.0 | 1.0 | 31.8 | 63 |
| 24.4 | 65.0 | 7431.7 | 400.0 | -25.1 | -35.9 | 259.4 | 26.6 | 26.2 | 4.9 | 322.3 | 325.3 | 0.0 | 1.0 | 34.9 | 64 |
| 26.1 | 68.4 | 7858.8 | 375.0 | -27.4 | -37.5 | 267.6 | 26.6 | 26.6 | 1.1 | 325.3 | 325.3 | 0.0 | 1.0 | 36.9 | 65 |
| 28.0 | 72.0 | 8391.7 | 350.0 | -30.7 | -39.6 | 272.0 | 27.4 | 27.4 | -1.0 | 327.3 | 327.3 | 0.0 | 1.0 | 39.7 | 66 |
| 30.3 | 76.0 | 8913.2 | 325.0 | -35.3 | -42.7 | 271.8 | 27.3 | 27.3 | -0.8 | 329.0 | 328.0 | 0.0 | 1.0 | 42.2 | 71 |
| 32.0 | 80.1 | 9455.4 | 300.0 | -40.4 | -49.9 | 273.7 | 23.5 | 23.4 | -1.5 | 324.5 | 324.0 | 99.9 | 99.9 | 44.9 | 72 |
| 34.1 | 84.2 | 10055.2 | 275.0 | -45.3 | -59.9 | 272.9 | 21.8 | 21.8 | -1.1 | 324.6 | 99.9 | 99.9 | 99.9 | 48.3 | 73 |
| 36.6 | 88.6 | 10680.6 | 250.0 | -50.6 | -69.9 | 272.4 | 25.5 | 25.5 | -1.1 | 330.4 | 99.9 | 99.9 | 99.9 | 52.0 | 74 |
| 39.3 | 93.9 | 11358.3 | 225.0 | -56.3 | -79.9 | 282.9 | 21.2 | 20.6 | -4.7 | 332.2 | 99.9 | 99.9 | 99.9 | 54.6 | 76 |
| 42.2 | 98.8 | 12092.1 | 200.0 | -60.8 | -89.9 | 277.7 | 24.3 | 24.1 | -3.3 | 336.5 | 99.9 | 99.9 | 99.9 | 58.4 | 78 |
| 45.4 | 104.5 | 12915.6 | 175.0 | -64.6 | -99.9 | 275.7 | 32.5 | 32.4 | -3.2 | 336.5 | 99.9 | 99.9 | 99.9 | 63.6 | 80 |
| 49.0 | 110.5 | 13878.3 | 150.0 | -58.0 | -99.9 | 265.9 | 35.5 | 35.4 | -2.5 | 370.2 | 99.9 | 99.9 | 99.9 | 71.4 | 82 |
| 53.5 | 116.0 | 15029.0 | 125.0 | -59.4 | -99.9 | 287.4 | 28.9 | 27.6 | -8.6 | 367.5 | 99.9 | 99.9 | 99.9 | 80.3 | 84 |
| 58.7 | 126.7 | 15802.8 | 100.0 | -65.1 | -99.9 | 270.5 | 27.6 | 27.5 | -0.3 | 401.9 | 99.9 | 99.9 | 99.9 | 87.9 | 86 |
| 65.2 | 136.7 | 18160.8 | 75.0 | -62.5 | -99.9 | 278.6 | 12.6 | 12.5 | -1.9 | 441.8 | 99.9 | 99.9 | 99.9 | 92.6 | 91 |
| 70.2 | 148.0 | 20657.1 | 50.0 | -59.1 | -99.9 | 287.5 | 4.3 | 4.1 | -1.3 | 504.3 | 99.9 | 99.9 | 99.9 | 96.4 | 94 |
| 87.3 | 161.0 | 25093.5 | 25.0 | -51.0 | -99.9 | 67.3 | 10.5 | -9.7 | -4.0 | 638.0 | 99.9 | 99.9 | 99.9 | 96.9 | 95 |

ORIGINAL PAG.
OF POOR QUALITY

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARK

24 APRIL 1975
1145 GMT

163 21. 0

| TIME MIN | CNTCT | WEIGHT GFM | PRES MM | TEMP DC C | DEW PT DC C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX PTO CM/KG | RM PCT | RANGE M | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|------------|----------|
| 0.0 | 5.9 | 79.0 | 1002.7 | 21.1 | 17.3 | 190.0 | 2.6 | 0.5 | 2.6 | 255.7 | 326.4 | 12.5 | 79.0 | 6.0 | 0. |
| 0.1 | 6.1 | 102.5 | 1000.0 | 21.4 | 16.2 | 216.5 | 10.4 | 6.7 | 8.5 | 296.3 | 331.1 | 13.3 | 92.2 | 0.2 | 34. |
| 0.8 | 6.6 | 322.3 | 975.0 | 20.3 | 16.6 | 216.6 | 11.2 | 7.0 | 9.8 | 297.5 | 334.0 | 14.0 | 65.7 | 0.4 | 36. |
| 1.6 | 11.0 | 546.5 | 950.0 | 17.6 | 16.5 | 223.2 | 17.9 | 12.3 | 13.1 | 296.8 | 329.7 | 12.5 | 93.0 | 1.1 | 31. |
| 2.4 | 12.6 | 775.1 | 925.0 | 16.7 | 15.4 | 228.6 | 23.4 | 17.5 | 15.5 | 298.3 | 329.7 | 12.0 | 52.1 | 3.1 | 42. |
| 3.2 | 16.3 | 1038.5 | 900.0 | 14.8 | 13.6 | 232.0 | 24.4 | 19.3 | 15.1 | 298.3 | 327.5 | 11.0 | 52.4 | 2.3 | 45. |
| 4.1 | 18.7 | 1248.8 | 875.0 | 18.0 | 4.3 | 240.2 | 25.7 | 22.3 | 12.8 | 303.3 | 320.1 | 6.0 | 40.2 | 4.5 | 44. |
| 4.8 | 21.1 | 1450.6 | 850.0 | 17.0 | 4.4 | 243.6 | 27.6 | 24.7 | 12.2 | 304.7 | 322.2 | 6.2 | 43.3 | 5.6 | 51. |
| 5.7 | 23.1 | 1750.5 | 825.0 | 14.8 | 9.3 | 243.5 | 23.6 | 21.1 | 10.5 | 305.4 | 330.2 | 9.0 | 55.8 | 7.0 | 54. |
| 6.5 | 26.4 | 2010.6 | 800.0 | 12.9 | 9.4 | 245.1 | 18.6 | 16.9 | 7.8 | 306.1 | 332.0 | 9.4 | 79.7 | 8.1 | 45. |
| 7.4 | 29.3 | 2277.2 | 775.0 | 11.4 | 4.4 | 256.0 | 16.1 | 15.6 | 3.9 | 307.0 | 326.2 | 6.8 | 62.0 | 6.0 | 50. |
| 8.4 | 32.2 | 2550.7 | 750.0 | 9.9 | -0.5 | 266.6 | 13.6 | 13.6 | 0.3 | 307.9 | 322.2 | 4.9 | 44.7 | 9.7 | 56. |
| 9.2 | 35.1 | 2831.4 | 725.0 | 8.0 | -7.2 | 275.4 | 13.6 | 13.6 | -1.3 | 308.6 | 316.0 | 3.1 | 33.9 | 12.4 | 61. |
| 10.3 | 38.3 | 3120.0 | 700.0 | 5.9 | -13.4 | 280.3 | 15.7 | 15.5 | -2.5 | 309.2 | 315.2 | 1.9 | 23.4 | 11.0 | 64. |
| 11.4 | 40.8 | 3410.6 | 675.0 | 4.0 | -19.9 | 275.5 | 19.6 | 18.6 | -1.4 | 310.3 | 314.0 | 1.2 | 15.6 | 12.0 | 67. |
| 12.5 | 43.9 | 3721.8 | 650.0 | 1.5 | -15.1 | 265.7 | 22.7 | 22.6 | 1.7 | 310.9 | 316.6 | 1.8 | 27.8 | 13.2 | 68. |
| 13.4 | 46.9 | 4037.3 | 625.0 | 1.8 | -40.9 | 261.1 | 24.7 | 24.4 | 3.8 | 314.4 | 314.7 | 0.1 | 1.0 | 14.5 | 70. |
| 14.3 | 50.1 | 4364.2 | 600.0 | -1.2 | -50.7 | 243.6 | 24.1 | 23.9 | 2.7 | 314.7 | 314.9 | 0.1 | 1.0 | 15.9 | 71. |
| 15.3 | 53.1 | 4701.8 | 575.0 | -3.6 | -52.2 | 264.4 | 22.0 | 22.8 | 2.3 | 315.8 | 316.0 | 0.1 | 1.0 | 17.3 | 72. |
| 16.4 | 56.3 | 5050.9 | 550.0 | -6.3 | -53.9 | 259.1 | 25.5 | 25.0 | 4.8 | 316.6 | 316.8 | 0.0 | 1.0 | 14.8 | 73. |
| 17.7 | 59.9 | 5412.4 | 525.0 | -8.9 | -55.6 | 254.8 | 29.8 | 28.7 | 7.8 | 317.7 | 317.8 | 0.0 | 1.0 | 20.9 | 74. |
| 19.1 | 63.3 | 5744.9 | 500.0 | -11.4 | -57.1 | 252.2 | 30.3 | 28.9 | 9.3 | 319.1 | 319.3 | 0.0 | 1.0 | 27.6 | 74. |
| 20.5 | 66.9 | 6174.6 | 475.0 | -14.6 | -59.2 | 253.4 | 30.0 | 28.7 | 8.6 | 319.2 | 319.9 | 0.0 | 1.0 | 26.0 | 73. |
| 21.8 | 70.5 | 6587.1 | 450.0 | -17.1 | -60.8 | 259.8 | 28.3 | 27.1 | 5.0 | 321.7 | 321.7 | 0.0 | 1.0 | 24.4 | 74. |
| 23.1 | 74.2 | 7012.7 | 425.0 | -20.8 | -61.9 | 265.1 | 26.2 | 26.1 | 2.2 | 322.2 | 322.3 | 0.0 | 1.0 | 21.4 | 74. |
| 24.6 | 78.1 | 7457.1 | 400.0 | -25.0 | -61.5 | 268.3 | 24.9 | 24.9 | 6.8 | 322.4 | 322.5 | 0.0 | 1.8 | 32.6 | 75. |
| 26.0 | 82.2 | 7923.5 | 375.0 | -28.9 | -62.1 | 273.4 | 28.1 | 28.1 | -1.7 | 323.3 | 323.4 | 0.0 | 2.4 | 35.1 | 76. |
| 27.7 | 86.4 | 8412.0 | 350.0 | -32.9 | -63.2 | 273.3 | 27.4 | 27.3 | -1.4 | 324.4 | 324.5 | 0.0 | 3.0 | 37.7 | 76. |
| 29.5 | 91.3 | 8929.1 | 325.0 | -37.0 | -64.9 | 265.0 | 32.4 | 32.3 | 2.8 | 325.6 | 325.7 | 0.0 | 3.6 | 40.6 | 76. |
| 31.5 | 95.5 | 9476.0 | 300.0 | -41.3 | 99.9 | 267.2 | 29.2 | 29.2 | 1.4 | 327.2 | 327.2 | 99.9 | 95.9 | 44.7 | 76. |
| 33.8 | 100.3 | 10062.9 | 275.0 | -45.8 | 99.9 | 264.0 | 30.5 | 30.3 | 2.5 | 328.9 | 328.9 | 99.9 | 95.9 | 44.7 | 76. |
| 35.9 | 105.6 | 10690.2 | 250.0 | -51.1 | 99.9 | 270.0 | 32.3 | 32.3 | 0.0 | 330.1 | 330.1 | 99.9 | 95.9 | 52.2 | 76. |
| 38.2 | 111.0 | 11347.4 | 225.0 | -55.5 | 99.9 | 265.2 | 31.8 | 31.8 | 6.4 | 333.5 | 333.5 | 99.9 | 95.9 | 57.2 | 76. |
| 40.8 | 116.5 | 12111.6 | 200.0 | -59.5 | 99.9 | 264.9 | 39.4 | 39.6 | 3.5 | 335.6 | 335.6 | 99.9 | 99.9 | 62.8 | 76. |
| 44.0 | 123.3 | 12942.7 | 175.0 | -59.0 | 99.9 | 267.3 | 31.2 | 31.2 | 1.5 | 352.5 | 352.5 | 99.9 | 95.9 | 67.4 | 76. |
| 47.4 | 130.0 | 13911.5 | 150.0 | -59.1 | 99.9 | 256.1 | 33.1 | 32.1 | 8.0 | 368.2 | 368.2 | 99.9 | 95.9 | 75.7 | 76. |
| 51.5 | 137.0 | 15043.1 | 125.0 | -62.1 | 99.9 | 265.2 | 41.5 | 41.3 | 3.5 | 382.6 | 382.6 | 99.9 | 95.9 | 84.9 | 76. |
| 56.4 | 142.8 | 16417.8 | 100.0 | -63.7 | 99.9 | 259.7 | 19.8 | 19.5 | 3.5 | 404.7 | 404.7 | 99.9 | 95.9 | 93.5 | 76. |
| 62.6 | 151.3 | 18173.7 | 75.0 | -68.3 | 99.9 | 329.7 | 9.0 | 4.5 | -7.7 | 434.0 | 434.0 | 99.9 | 95.9 | 97.0 | 76. |
| 70.5 | 156.3 | 20675.3 | 50.0 | -56.3 | 99.9 | 324.0 | 3.9 | 2.3 | -3.1 | 510.9 | 510.9 | 99.9 | 95.9 | 101.4 | 76. |
| 83.2 | 165.3 | 25146.7 | 25.0 | -49.5 | 99.9 | 305.5 | 7.5 | 6.1 | -4.4 | 642.9 | 642.9 | 99.9 | 95.9 | 102.9 | 76. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 349
MONETTE, MO24 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTU GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.2 | 438.0 | 957.3 | 20.6 | 19.8 | 200.0 | 5.6 | 1.9 | 5.3 | 295.9 | 339.9 | 15.4 | 95.0 | 0.0 | 0. |
| 0.9 | 6.9 | 55.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.9 | 6.9 | 55.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 6.9 | 504.4 | 950.0 | 20.0 | 17.9 | 208.1 | 10.0 | 4.7 | 8.8 | 299.3 | 335.8 | 13.8 | 88.7 | 0.3 | 14. |
| 1.1 | 10.9 | 734.7 | 925.0 | 18.3 | 17.6 | 211.5 | 12.2 | 6.4 | 10.4 | 299.9 | 336.7 | 13.9 | 95.8 | 1.7 | 23. |
| 1.9 | 13.2 | 970.0 | 900.0 | 16.7 | 16.5 | 220.2 | 14.8 | 9.6 | 11.3 | 300.4 | 335.7 | 13.3 | 92.0 | 1.4 | 23. |
| 2.7 | 15.4 | 1210.6 | 875.0 | 15.6 | 15.4 | 227.8 | 16.8 | 12.4 | 11.3 | 301.7 | 335.9 | 12.7 | 94.9 | 2.1 | 35. |
| 3.5 | 17.6 | 1437.2 | 850.0 | 14.9 | 14.7 | 235.1 | 18.1 | 14.9 | 10.4 | 303.4 | 337.1 | 12.5 | 98.7 | 2.9 | 35. |
| 4.2 | 20.0 | 1710.3 | 825.0 | 14.0 | 13.8 | 244.3 | 19.4 | 17.5 | 8.4 | 305.0 | 339.0 | 12.1 | 94.4 | 3.7 | 44. |
| 5.3 | 22.2 | 1970.8 | 800.0 | 13.2 | 13.0 | 250.4 | 18.8 | 17.7 | 6.3 | 306.8 | 339.5 | 11.9 | 94.5 | 4.5 | 44. |
| 5.6 | 24.7 | 2239.1 | 775.0 | 11.7 | 11.4 | 247.6 | 21.5 | 19.8 | 6.2 | 307.8 | 339.4 | 11.0 | 98.3 | 5.2 | 52. |
| 6.1 | 27.3 | 2512.5 | 750.0 | 9.8 | 9.6 | 246.6 | 20.5 | 18.8 | 8.1 | 308.6 | 336.8 | 10.1 | 98.7 | 5.9 | 53. |
| 6.7 | 29.6 | 2754.4 | 725.0 | 7.9 | 7.7 | 245.5 | 19.7 | 17.9 | 6.2 | 309.3 | 335.1 | 9.2 | 98.6 | 6.5 | 54. |
| 7.2 | 32.2 | 3047.5 | 700.0 | 5.3 | 5.0 | 245.4 | 19.2 | 17.5 | 6.0 | 309.4 | 331.9 | 7.9 | 94.0 | 7.1 | 54. |
| 7.8 | 34.9 | 3380.1 | 675.0 | 3.8 | 3.7 | 246.9 | 19.5 | 18.0 | 7.7 | 310.9 | 332.1 | 7.4 | 92.8 | 7.7 | 56. |
| 8.3 | 37.4 | 3697.3 | 650.0 | 2.8 | 2.6 | 248.3 | 20.6 | 19.2 | 7.6 | 313.1 | 333.8 | 7.2 | 98.6 | 8.3 | 57. |
| 8.6 | 40.2 | 4005.0 | 625.0 | 1.3 | 1.1 | 248.0 | 21.5 | 19.9 | 8.1 | 314.8 | 334.2 | 6.6 | 94.4 | 8.7 | 54. |
| 9.0 | 42.9 | 4312.4 | 600.0 | -2.2 | -2.5 | 246.2 | 22.3 | 20.4 | 9.0 | 314.3 | 330.0 | 5.3 | 97.9 | 9.2 | 51. |
| 9.3 | 45.3 | 4671.0 | 575.0 | -3.0 | -3.0 | 244.1 | 22.6 | 20.3 | 9.9 | 317.1 | 333.1 | 5.3 | 100.7 | 9.6 | 59. |
| 9.6 | 48.9 | 5022.2 | 550.0 | -5.8 | -6.0 | 242.4 | 22.9 | 20.3 | 10.6 | 317.8 | 331.3 | 4.5 | 98.5 | 10.1 | 53. |
| 9.9 | 51.6 | 5325.3 | 525.0 | -7.6 | -8.5 | 241.8 | 23.5 | 20.7 | 11.1 | 319.7 | 331.5 | 3.8 | 93.5 | 10.4 | 53. |
| 10.3 | 54.8 | 5766.6 | 500.0 | -7.7 | -7.8 | 242.9 | 24.2 | 21.5 | 11.0 | 324.2 | 337.4 | 4.2 | 98.9 | 11.0 | 54. |
| 10.9 | 57.9 | 6157.9 | 475.0 | -16.5 | -17.8 | 246.1 | 25.4 | 21.3 | 10.3 | 317.8 | 324.1 | 2.0 | 89.7 | 11.9 | 54. |
| 11.7 | 61.1 | 6557.5 | 450.0 | -23.2 | -37.7 | 251.9 | 27.9 | 26.6 | 6.7 | 314.0 | 315.2 | 0.3 | 25.4 | 13.2 | 66. |
| 12.8 | 64.7 | 6930.2 | 425.0 | -23.3 | -42.0 | 260.5 | 30.8 | 30.4 | 5.1 | 315.1 | 319.9 | 0.2 | 16.4 | 15.1 | 62. |
| 13.8 | 68.0 | 7421.7 | 400.0 | -25.5 | -34.4 | 263.6 | 31.4 | 31.2 | 3.5 | 321.9 | 323.6 | 0.5 | 42.8 | 16.8 | 62. |
| 14.3 | 71.6 | 7877.0 | 375.0 | -28.4 | -36.8 | 259.7 | 30.7 | 30.2 | 5.5 | 323.9 | 325.5 | 0.4 | 45.6 | 19.0 | 67. |
| 15.5 | 75.5 | 8377.2 | 350.0 | -32.4 | -38.0 | 255.1 | 29.1 | 28.6 | 5.5 | 325.1 | 326.5 | 0.4 | 56.9 | 21.7 | 74. |
| 16.1 | 79.5 | 8898.2 | 325.0 | -34.5 | -40.2 | 269.7 | 31.1 | 31.1 | 0.2 | 329.1 | 330.3 | 0.3 | 51.5 | 24.5 | 70. |
| 19.5 | 83.6 | 9452.7 | 300.0 | -38.6 | -45.0 | 273.6 | 31.0 | 31.0 | -1.9 | 330.9 | 331.8 | 0.2 | 50.3 | 26.7 | 72. |
| 20.7 | 87.8 | 10043.6 | 275.0 | -44.1 | -49.9 | 282.8 | 36.3 | 35.4 | -8.0 | 331.4 | 999.9 | 99.9 | 99.9 | 28.9 | 74. |
| 23.3 | 92.6 | 10676.4 | 250.0 | -49.5 | -59.9 | 285.6 | 34.3 | 33.1 | -9.2 | 332.5 | 999.9 | 99.9 | 99.9 | 34.0 | 75. |
| 25.5 | 97.4 | 11357.8 | 225.0 | -55.6 | -69.9 | 281.5 | 28.5 | 27.9 | -5.7 | 333.3 | 999.9 | 99.9 | 99.9 | 37.4 | 82. |
| 27.9 | 102.5 | 12096.0 | 200.0 | -62.4 | -69.9 | 279.7 | 20.9 | 20.6 | -3.5 | 333.9 | 999.9 | 99.9 | 99.9 | 40.8 | 83. |
| 30.0 | 108.5 | 12906.6 | 175.0 | -67.9 | -69.9 | 269.4 | 29.2 | 29.2 | 0.3 | 337.9 | 999.9 | 99.9 | 99.9 | 44.1 | 84. |
| 33.6 | 115.0 | 13931.1 | 150.0 | -69.1 | -69.9 | 244.8 | 31.6 | 28.6 | 13.5 | 360.5 | 999.9 | 99.9 | 99.9 | 50.3 | 83. |
| 37.6 | 122.3 | 14982.6 | 125.0 | -61.8 | -69.9 | 259.7 | 30.7 | 30.2 | 5.5 | 383.1 | 999.9 | 99.9 | 99.9 | 58.9 | 81. |
| 42.9 | 130.0 | 16372.3 | 100.0 | -60.7 | -69.9 | 263.9 | 30.3 | 30.1 | 3.2 | 410.5 | 999.9 | 99.9 | 99.9 | 68.9 | 81. |
| 48.4 | 136.7 | 18133.3 | 75.0 | -67.0 | -69.9 | 270.4 | 11.8 | 11.8 | -0.1 | 432.8 | 999.9 | 99.9 | 99.9 | 72.0 | 83. |
| 57.8 | 148.3 | 20642.9 | 50.0 | -59.8 | -69.9 | 300.2 | 7.1 | 6.1 | -3.6 | 502.6 | 999.9 | 99.9 | 99.9 | 76.1 | 82. |
| 71.6 | 157.7 | 25052.1 | 25.0 | -54.9 | -69.9 | 304.7 | 3.5 | 2.9 | -2.0 | 627.1 | 999.9 | 99.9 | 99.9 | 78.7 | 84. |

ORIGINAL PAGE
OF POOR QUALITY

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEX

24 APRIL 1975
1115 GMT

| TIME MIN | CATCT | HEIGHT GPM | PRES MB | TEMP CG C | DEW PT CG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MR PTO CM/RG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.6 | 1005.0 | 880.2 | 10.4 | -4.8 | 310.0 | 3.1 | 2.4 | -2.0 | 290.1 | 302.6 | 3.0 | 34.0 | 0.0 | C. |
| 00.0 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 15.4 | 1184.0 | 875.0 | 17.2 | 0.0 | 999.9 | 99.9 | 99.9 | 99.9 | 302.3 | 315.1 | 4.5 | 32.7 | 594.9 | 99.9 |
| 1.5 | 17.5 | 1431.9 | 850.0 | 18.6 | -5.0 | 999.9 | 99.9 | 99.9 | 99.9 | 306.1 | 315.3 | 3.1 | 19.7 | 994.9 | 99.9 |
| 2.5 | 15.3 | 1687.1 | 825.0 | 17.7 | -5.7 | 265.2 | 7.9 | 7.6 | -2.1 | 307.8 | 310.8 | 3.0 | 19.7 | 1.1 | 122. |
| 3.3 | 22.3 | 1548.9 | 800.0 | 16.0 | -7.0 | 280.5 | 7.9 | 7.6 | -2.1 | 308.6 | 317.0 | 2.8 | 19.4 | 1.5 | 114. |
| 4.5 | 24.5 | 2217.3 | 775.0 | 14.2 | -8.5 | 262.0 | 10.0 | 9.9 | 1.4 | 309.4 | 317.3 | 2.6 | 19.9 | 2.0 | 110. |
| 5.5 | 26.7 | 2852.6 | 750.0 | 11.9 | -10.3 | 260.4 | 14.2 | 14.0 | 2.4 | 305.8 | 316.9 | 2.3 | 20.1 | 2.7 | 102. |
| 6.6 | 29.2 | 2774.7 | 725.0 | 9.4 | -12.1 | 256.9 | 14.4 | 14.0 | 3.2 | 310.0 | 316.4 | 2.1 | 20.5 | 3.5 | 96. |
| 7.5 | 31.8 | 3066.0 | 700.0 | 6.7 | -13.2 | 253.0 | 14.2 | 13.6 | 4.1 | 310.1 | 316.2 | 2.0 | 22.6 | 4.4 | 92. |
| 8.4 | 34.4 | 3360.9 | 675.0 | 4.0 | -15.1 | 244.3 | 15.0 | 14.3 | 6.9 | 310.3 | 315.8 | 1.8 | 23.3 | 5.3 | 88. |
| 9.0 | 36.9 | 3666.2 | 650.0 | 1.8 | -16.1 | 242.9 | 18.3 | 16.3 | 8.3 | 311.2 | 316.4 | 1.7 | 24.9 | 6.4 | 83. |
| 11.1 | 35.7 | 3980.7 | 625.0 | -1.1 | -17.3 | 240.3 | 18.3 | 17.0 | 6.7 | 311.4 | 316.3 | 1.6 | 27.9 | 7.7 | 80. |
| 12.4 | 42.2 | 4304.7 | 600.0 | -3.2 | -23.5 | 240.5 | 19.8 | 18.5 | 7.3 | 312.5 | 315.6 | 1.0 | 19.0 | 9.2 | 79. |
| 13.7 | 45.1 | 4640.6 | 575.0 | -5.0 | -25.1 | 245.3 | 21.6 | 19.6 | 9.0 | 314.2 | 317.0 | 0.9 | 18.7 | 10.8 | 77. |
| 15.6 | 48.1 | 4989.0 | 550.0 | -8.0 | -27.5 | 249.2 | 22.1 | 20.7 | 7.9 | 314.6 | 317.0 | 0.7 | 19.0 | 12.4 | 75. |
| 16.2 | 50.9 | 5347.2 | 525.0 | -11.1 | -30.0 | 247.2 | 19.8 | 18.2 | 7.7 | 315.1 | 317.1 | 0.6 | 19.2 | 13.9 | 75. |
| 17.5 | 53.1 | 5719.4 | 500.0 | -14.0 | -33.1 | 245.4 | 19.1 | 17.4 | 6.8 | 316.0 | 317.6 | 0.5 | 18.6 | 15.4 | 74. |
| 19.2 | 57.1 | 6107.8 | 475.0 | -15.8 | -34.4 | 242.8 | 22.0 | 19.6 | 10.1 | 318.5 | 319.9 | 0.4 | 18.3 | 17.3 | 73. |
| 20.7 | 60.4 | 6513.0 | 450.0 | -18.8 | -35.1 | 247.1 | 25.1 | 23.1 | 9.4 | 316.7 | 321.1 | 0.4 | 21.9 | 19.6 | 72. |
| 22.5 | 64.3 | 6935.8 | 425.0 | -22.8 | -37.6 | 247.0 | 28.6 | 26.3 | 11.2 | 319.8 | 321.0 | 0.3 | 24.2 | 22.4 | 71. |
| 24.2 | 67.3 | 7378.0 | 400.0 | -26.0 | -37.5 | 251.0 | 31.9 | 30.1 | 10.4 | 321.2 | 322.5 | 0.4 | 32.9 | 25.5 | 71. |
| 25.9 | 70.9 | 7841.6 | 375.0 | -30.0 | -36.2 | 252.1 | 32.6 | 31.0 | 10.0 | 321.3 | 323.5 | 0.5 | 54.2 | 29.3 | 71. |
| 27.4 | 74.7 | 8320.6 | 350.0 | -33.3 | -38.2 | 254.1 | 32.4 | 31.1 | 8.9 | 323.3 | 325.3 | 0.4 | 40.7 | 32.8 | 71. |
| 29.4 | 78.5 | 8846.0 | 325.0 | -37.2 | -44.6 | 253.3 | 33.6 | 32.2 | 9.6 | 325.3 | 326.2 | 0.2 | 45.7 | 37.2 | 71. |
| 31.1 | 82.8 | 9393.4 | 300.0 | -42.1 | -59.9 | 253.9 | 28.7 | 27.6 | 8.0 | 326.1 | 999.9 | 99.9 | 999.9 | 41.9 | 72. |
| 34.5 | 87.2 | 9976.4 | 275.0 | -46.8 | -59.9 | 258.2 | 30.6 | 27.8 | 7.9 | 327.4 | 999.9 | 99.9 | 999.9 | 47.4 | 72. |
| 37.2 | 92.0 | 10602.3 | 250.0 | -51.5 | -59.9 | 258.9 | 41.74 | 40.9 | 8.0 | 329.6 | 999.9 | 99.9 | 999.9 | 52.4 | 73. |
| 39.7 | 97.3 | 11281.0 | 225.0 | -55.8 | -59.9 | 260.2 | 27.3 | 27.3 | 4.7 | 333.0 | 999.9 | 99.9 | 999.9 | 57.4 | 73. |
| 42.5 | 102.3 | 12023.3 | 200.0 | -60.4 | -59.9 | 263.9 | 44.28 | 44.0 | 4.7 | 337.1 | 999.9 | 99.9 | 999.9 | 63.0 | 74. |
| 45.4 | 107.4 | 12450.8 | 175.0 | -62.0 | -59.9 | 257.3 | 33.78 | 32.9 | 7.4 | 347.6 | 999.9 | 99.9 | 999.9 | 70.2 | 75. |
| 48.8 | 114.8 | 13815.0 | 150.0 | -59.5 | -59.9 | 260.8 | 23.58 | 23.1 | 3.7 | 367.6 | 999.9 | 99.9 | 999.9 | 75.6 | 75. |
| 50.3 | 120.3 | 14946.0 | 125.0 | -64.0 | -59.9 | 262.3 | 23.58 | 21.5 | 9.4 | 379.1 | 999.9 | 99.9 | 999.9 | 81.2 | 75. |
| 52.4 | 130.7 | 16310.2 | 100.0 | -62.7 | -59.9 | 253.1 | 33.08 | 31.0 | 9.6 | 406.0 | 999.9 | 99.9 | 999.9 | 91.8 | 75. |
| 55.4 | 140.3 | 18090.9 | 75.0 | -62.9 | -59.9 | 244.7 | 9.08 | 8.1 | 3.9 | 441.0 | 999.9 | 99.9 | 999.9 | 99.8 | 75. |
| 75.0 | 121.0 | 20615.1 | 50.0 | -57.3 | -59.9 | 252.8 | 15.98 | 15.2 | 4.7 | 508.4 | 999.9 | 99.9 | 999.9 | 104.5 | 75. |
| 99.9 | 48.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

0 PT SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10. DEG
0 PT TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 402
WALLOPS ISLAND, VA24 APRIL 1975
1100 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DI4 DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT V DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.3 | 4.0 | 1018.3 | 13.9 | 11.4 | 999.9 | 99.9 | 99.9 | 99.9 | 260.7 | 308.1 | 8.4 | 85.0 | 999.9 | 999.9 |
| 0.5 | 5.0 | 159.0 | 1000.0 | 17.7 | 13.3 | 999.9 | 99.9 | 99.9 | 99.9 | 292.1 | 317.3 | 9.7 | 75.6 | 999.9 | 999.9 |
| 1.3 | 7.6 | 375.5 | 975.0 | 16.5 | 12.1 | 999.9 | 99.9 | 99.9 | 99.9 | 293.0 | 316.9 | 9.1 | 74.9 | 999.9 | 999.9 |
| 1.9 | 5.9 | 536.4 | 950.0 | 14.7 | 11.4 | 999.9 | 99.9 | 99.9 | 99.9 | 293.3 | 316.9 | 9.0 | 60.4 | 999.9 | 999.9 |
| 2.5 | 11.7 | 622.1 | 925.0 | 14.0 | 10.2 | 999.9 | 99.9 | 99.9 | 99.9 | 294.9 | 317.4 | 8.5 | 77.6 | 999.9 | 999.9 |
| 3.6 | 13.2 | 1053.5 | 900.0 | 13.8 | 10.1 | 999.9 | 99.9 | 99.9 | 99.9 | 296.9 | 320.1 | 8.7 | 78.5 | 999.9 | 999.9 |
| 4.2 | 14.0 | 1291.1 | 875.0 | 13.0 | 10.1 | 999.9 | 99.9 | 99.9 | 99.9 | 298.5 | 322.4 | 8.9 | 82.1 | 999.9 | 999.9 |
| 5.1 | 18.3 | 1535.0 | 850.0 | 11.9 | 7.5 | 999.9 | 99.9 | 99.9 | 99.9 | 299.6 | 320.6 | 7.7 | 74.6 | 999.9 | 999.9 |
| 5.9 | 20.5 | 1784.6 | 825.0 | 5.8 | 6.8 | 999.9 | 99.9 | 99.9 | 99.9 | 300.0 | 320.7 | 7.6 | 81.7 | 999.9 | 999.9 |
| 6.8 | 22.7 | 2036.7 | 800.0 | 7.6 | 6.4 | 999.9 | 99.9 | 99.9 | 99.9 | 300.2 | 321.0 | 7.6 | 92.5 | 999.9 | 999.9 |
| 7.6 | 25.1 | 2301.0 | 775.0 | 5.7 | 4.8 | 999.9 | 99.9 | 99.9 | 99.9 | 300.9 | 323.1 | 7.0 | 93.4 | 999.9 | 999.9 |
| 8.5 | 27.4 | 2569.3 | 750.0 | 2.2 | 3.1 | 999.9 | 99.9 | 99.9 | 99.9 | 302.0 | 319.8 | 6.4 | 92.2 | 999.9 | 999.9 |
| 9.4 | 30.7 | 2844.4 | 725.0 | 0.4 | 1.4 | 999.9 | 99.9 | 99.9 | 99.9 | 303.1 | 319.5 | 5.9 | 92.0 | 999.9 | 999.9 |
| 10.3 | 32.6 | 3129.1 | 700.0 | 0.4 | -0.7 | 999.9 | 99.9 | 99.9 | 99.9 | 304.5 | 318.3 | 5.2 | 92.4 | 999.9 | 999.9 |
| 11.3 | 35.2 | 3419.5 | 675.0 | -1.3 | -2.4 | 999.9 | 99.9 | 99.9 | 99.9 | 304.8 | 318.4 | 4.8 | 91.9 | 999.9 | 999.9 |
| 12.4 | 37.7 | 3719.7 | 650.0 | -3.4 | -4.5 | 999.9 | 99.9 | 99.9 | 99.9 | 305.7 | 317.9 | 4.2 | 92.3 | 999.9 | 999.9 |
| 13.4 | 40.3 | 4029.7 | 625.0 | -4.8 | -5.9 | 999.9 | 99.9 | 99.9 | 99.9 | 307.5 | 319.1 | 4.0 | 92.4 | 999.9 | 999.9 |
| 14.5 | 42.9 | 4339.7 | 600.0 | -6.9 | -11.4 | 999.9 | 99.9 | 99.9 | 99.9 | 308.5 | 318.6 | 2.7 | 70.3 | 999.9 | 999.9 |
| 15.4 | 45.8 | 4649.9 | 575.0 | -8.7 | -16.4 | 999.9 | 99.9 | 99.9 | 99.9 | 310.0 | 315.7 | 1.8 | 53.8 | 999.9 | 999.9 |
| 16.6 | 49.3 | 5022.1 | 550.0 | -12.9 | -51.5 | 999.9 | 99.9 | 99.9 | 99.9 | 308.8 | 300.0 | 0.1 | 2.3 | 999.9 | 999.9 |
| 17.7 | 51.9 | 5376.1 | 525.0 | -13.9 | -41.7 | 999.9 | 99.9 | 99.9 | 99.9 | 311.7 | 312.4 | 0.2 | 7.4 | 999.9 | 999.9 |
| 19.3 | 54.3 | 5743.6 | 500.0 | -15.5 | -46.6 | 999.9 | 99.9 | 99.9 | 99.9 | 314.1 | 318.5 | 0.1 | 4.9 | 999.9 | 999.9 |
| 20.3 | 57.2 | 6111.3 | 475.0 | -17.4 | -47.7 | 999.9 | 99.9 | 99.9 | 99.9 | 316.3 | 316.7 | 0.1 | 5.1 | 999.9 | 999.9 |
| 21.7 | 61.3 | 6533.6 | 450.0 | -20.5 | -54.5 | 999.9 | 99.9 | 99.9 | 99.9 | 317.4 | 317.6 | 0.0 | 3.0 | 999.9 | 999.9 |
| 23.1 | 64.9 | 6955.7 | 425.0 | -22.1 | -50.3 | 999.9 | 99.9 | 99.9 | 99.9 | 320.6 | 320.9 | 0.1 | 9.5 | 999.9 | 999.9 |
| 24.6 | 69.2 | 7339.5 | 400.0 | -25.2 | -42.3 | 999.9 | 99.9 | 99.9 | 99.9 | 322.2 | 321.0 | 0.2 | 18.4 | 999.9 | 999.9 |
| 26.0 | 71.9 | 7853.7 | 375.0 | -28.9 | -50.6 | 999.9 | 99.9 | 99.9 | 99.9 | 323.3 | 323.7 | 0.1 | 10.2 | 999.9 | 999.9 |
| 27.5 | 75.4 | 8353.0 | 350.0 | -33.2 | -53.9 | 999.9 | 99.9 | 99.9 | 99.9 | 324.0 | 324.2 | 0.1 | 10.3 | 999.9 | 999.9 |
| 29.3 | 80.3 | 8869.1 | 325.0 | -37.3 | -55.5 | 999.9 | 99.9 | 99.9 | 99.9 | 325.2 | 325.4 | 0.1 | 12.9 | 999.9 | 999.9 |
| 31.1 | 84.2 | 9416.5 | 300.0 | -40.7 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 326.0 | 326.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 33.0 | 88.9 | 10004.4 | 275.0 | -45.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 326.8 | 326.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 35.3 | 93.6 | 10611.4 | 250.0 | -51.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 330.3 | 330.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 37.5 | 98.5 | 11310.4 | 225.0 | -55.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 334.0 | 334.0 | 99.9 | 999.9 | 999.9 | 999.9 |
| 40.1 | 104.0 | 12052.7 | 200.0 | -60.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 337.1 | 337.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 42.6 | 110.2 | 12874.9 | 175.0 | -66.0 | 92.9 | 999.9 | 99.9 | 99.9 | 99.9 | 341.1 | 341.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 45.6 | 116.3 | 13816.2 | 150.0 | -57.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 367.2 | 367.2 | 99.9 | 999.9 | 999.9 | 999.9 |
| 50.0 | 123.8 | 14655.6 | 125.0 | -57.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 391.0 | 391.0 | 99.9 | 999.9 | 999.9 | 999.9 |
| 54.9 | 121.7 | 15364.4 | 100.0 | -61.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 409.7 | 409.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 60.7 | 130.0 | 16129.5 | 75.0 | -63.8 | 96.9 | 999.9 | 99.9 | 99.9 | 99.9 | 439.1 | 439.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 68.7 | 149.3 | 20646.2 | 50.0 | -57.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 507.8 | 507.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 79.9 | 158.0 | 25083.7 | 25.0 | -52.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 632.6 | 632.6 | 99.9 | 999.9 | 999.9 | 999.9 |

ORIGINAL PAGE
OF POOR QUALITY* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405
STERLING, VA24 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | WEIGHT GPH | PRES MB | TEMP DEG C | CEV PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT Y DEG K | E POT Y DEG K | WX RTO CM/HG | RM PCT | RANGE NM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 5.5 | 95.0 | 1004.6 | 16.7 | 12.3 | 200.0 | 9.7 | 2.3 | 0.3 | 250.7 | 314.0 | 9.0 | 75.0 | 0.0 | 6. |
| 0.3 | 5.8 | 124.3 | 1006.0 | 17.7 | 12.0 | 202.2 | 13.4 | 5.1 | 12.4 | 252.0 | 315.2 | 8.9 | 68.5 | 0.1 | 30. |
| 1.3 | 8.3 | 343.9 | 975.0 | 16.7 | 11.3 | 216.3 | 16.3 | 9.2 | 13.5 | 253.1 | 316.0 | 8.7 | 70.5 | 0.9 | 30. |
| 2.1 | 10.7 | 562.4 | 950.0 | 16.6 | 9.7 | 224.5 | 15.9 | 11.1 | 11.3 | 253.1 | 316.4 | 8.0 | 63.9 | 1.3 | 35. |
| 3.0 | 13.0 | 780.4 | 925.0 | 15.8 | 0.2 | 236.1 | 13.8 | 11.5 | 7.7 | 256.5 | 316.4 | 7.4 | 60.3 | 2.3 | 39. |
| 3.9 | 15.4 | 1022.7 | 900.0 | 14.2 | 7.1 | 250.0 | 12.7 | 12.3 | 3.2 | 257.1 | 316.2 | 7.1 | 58.3 | 3.2 | 45. |
| 4.4 | 17.1 | 1259.6 | 875.0 | 13.2 | 7.1 | 258.6 | 13.2 | 13.2 | 0.1 | 258.5 | 318.2 | 7.3 | 60.4 | 3.8 | 54. |
| 5.0 | 18.3 | 1503.1 | 850.0 | 11.4 | 7.1 | 275.2 | 16.6 | 16.6 | -1.5 | 259.1 | 319.4 | 7.5 | 70.0 | 4.5 | 60. |
| 5.8 | 20.3 | 1752.2 | 825.0 | 10.1 | 6.7 | 276.2 | 18.3 | 18.1 | -2.6 | 300.2 | 323.8 | 7.5 | 70.6 | 5.3 | 66. |
| 6.8 | 22.9 | 2007.8 | 800.0 | 8.8 | 4.8 | 275.6 | 18.0 | 14.4 | -1.4 | 301.6 | 319.3 | 6.8 | 80.1 | 6.1 | 71. |
| 7.4 | 25.3 | 2269.3 | 775.0 | 6.4 | 2.4 | 263.1 | 15.1 | 15.0 | 2.1 | 301.4 | 317.8 | 5.9 | 75.7 | 6.9 | 73. |
| 8.0 | 27.9 | 2537.8 | 750.0 | 4.4 | -1.0 | 255.7 | 14.3 | 13.8 | 3.5 | 302.0 | 315.5 | 4.8 | 67.9 | 7.9 | 73. |
| 8.8 | 30.7 | 2813.4 | 725.0 | 2.7 | 0.0 | 257.3 | 14.9 | 14.6 | 3.3 | 303.1 | 318.0 | 5.3 | 84.7 | 8.7 | 74. |
| 10.7 | 33.4 | 3056.4 | 700.0 | 0.3 | -0.3 | 261.3 | 15.2 | 15.0 | 2.3 | 303.5 | 318.0 | 5.1 | 91.2 | 9.4 | 74. |
| 11.7 | 36.0 | 3327.7 | 675.0 | -1.6 | -3.4 | 265.0 | 16.5 | 16.4 | 1.5 | 305.4 | 317.4 | 4.4 | 97.9 | 10.5 | 75. |
| 12.8 | 38.4 | 3597.2 | 650.0 | -3.6 | -4.8 | 265.2 | 18.5 | 18.4 | 1.5 | 305.4 | 317.4 | 4.1 | 91.3 | 11.5 | 76. |
| 14.6 | 44.5 | 3997.2 | 625.0 | -4.4 | -6.1 | 268.0 | 18.3 | 18.2 | 1.9 | 307.8 | 317.4 | 3.3 | 76.0 | 12.6 | 77. |
| 15.7 | 47.5 | 4318.5 | 600.0 | -5.7 | -7.3 | 258.8 | 18.0 | 17.7 | 3.2 | 309.7 | 313.2 | 0.7 | 19.0 | 13.7 | 77. |
| 16.7 | 50.5 | 4652.4 | 575.0 | -7.8 | -27.4 | 250.1 | 19.9 | 15.3 | 4.8 | 310.9 | 313.2 | 0.7 | 19.0 | 14.4 | 77. |
| 17.9 | 53.6 | 4994.8 | 550.0 | -10.6 | -27.6 | 257.0 | 20.8 | 20.3 | 4.7 | 311.8 | 314.2 | 0.7 | 22.7 | 16.4 | 77. |
| 19.1 | 56.6 | 5351.6 | 525.0 | -12.3 | -28.0 | 261.1 | 19.9 | 19.7 | 3.1 | 313.7 | 316.1 | 0.7 | 25.5 | 17.9 | 77. |
| 20.5 | 60.0 | 5722.3 | 500.0 | -15.1 | -27.7 | 266.7 | 22.3 | 22.3 | 0.5 | 316.7 | 317.3 | 0.8 | 32.4 | 19.4 | 79. |
| 21.7 | 63.4 | 6108.0 | 475.0 | -17.5 | -28.4 | 277.4 | 22.2 | 22.0 | -2.9 | 318.3 | 319.9 | 0.8 | 38.2 | 21.1 | 79. |
| 22.9 | 66.8 | 6511.8 | 450.0 | -19.1 | -28.0 | 288.8 | 23.4 | 21.2 | -7.2 | 319.4 | 322.7 | 1.0 | 54.1 | 22.6 | 81. |
| 24.3 | 70.3 | 6934.5 | 425.0 | -22.3 | -31.0 | 283.6 | 21.8 | 21.2 | -5.1 | 320.5 | 322.8 | 0.6 | 41.6 | 24.2 | 92. |
| 25.7 | 73.4 | 7379.9 | 400.0 | -25.6 | -36.3 | 280.2 | 20.6 | 19.6 | -6.4 | 321.7 | 323.2 | 0.4 | 35.6 | 25.9 | 84. |
| 27.1 | 77.7 | 7842.1 | 375.0 | -29.3 | -44.5 | 291.6 | 20.0 | 18.6 | -7.4 | 322.7 | 323.4 | 0.2 | 21.2 | 27.5 | 86. |
| 28.7 | 81.5 | 8330.6 | 350.0 | -33.6 | -48.4 | 288.3 | 21.2 | 21.1 | -6.9 | 323.4 | 324.0 | 0.2 | 25.9 | 29.2 | 87. |
| 30.4 | 85.6 | 8845.5 | 325.0 | -34.5 | -50.3 | 286.7 | 20.4 | 23.3 | -6.1 | 323.6 | 324.0 | 0.1 | 27.1 | 31.3 | 84. |
| 32.2 | 90.2 | 9390.2 | 300.0 | -43.2 | 99.9 | 282.1 | 20.4 | 27.4 | -6.0 | 324.5 | 999.9 | 99.9 | 999.9 | 34.3 | 90. |
| 34.1 | 94.7 | 9969.6 | 275.0 | -48.6 | 99.9 | 285.3 | 29.0 | 27.3 | -4.6 | 324.7 | 999.9 | 99.9 | 999.9 | 37.2 | 91. |
| 36.0 | 99.3 | 10599.0 | 250.0 | -54.1 | 99.9 | 282.5 | 30.5 | 35.5 | -14.9 | 325.6 | 999.9 | 99.9 | 999.9 | 40.7 | 93. |
| 37.8 | 104.3 | 11260.0 | 225.0 | -55.2 | 99.9 | 287.4 | 32.3 | 21.2 | -11.0 | 325.9 | 999.9 | 99.9 | 999.9 | 44.5 | 95. |
| 39.9 | 110.0 | 12003.7 | 200.0 | -60.4 | 99.9 | 287.9 | 29.0 | 19.8 | -6.4 | 327.1 | 999.9 | 99.9 | 999.9 | 47.0 | 96. |
| 42.0 | 115.8 | 12823.0 | 175.0 | -66.4 | 99.9 | 290.0 | 25.8 | 24.2 | -8.8 | 330.3 | 999.9 | 99.9 | 999.9 | 51.0 | 97. |
| 45.5 | 122.3 | 13762.0 | 150.0 | -58.6 | 99.9 | 286.1 | 33.6 | 32.1 | -6.5 | 339.1 | 999.9 | 99.9 | 999.9 | 55.4 | 98. |
| 49.3 | 129.7 | 14917.1 | 125.0 | -57.7 | 99.9 | 292.9 | 26.2 | 24.2 | -10.2 | 330.5 | 999.9 | 99.9 | 999.9 | 62.1 | 99. |
| 53.9 | 137.3 | 16326.0 | 100.0 | -60.3 | 99.9 | 312.3 | 11.3 | 8.4 | -7.6 | 411.2 | 999.9 | 99.9 | 999.9 | 69.3 | 100. |
| 59.4 | 145.3 | 19048.6 | 75.0 | -64.8 | 99.9 | 286.1 | 14.7 | 17.4 | -5.2 | 437.1 | 999.9 | 99.9 | 999.9 | 73.1 | 101. |
| 67.4 | 154.3 | 23626.4 | 50.0 | -59.1 | 99.9 | 330.3 | 3.4 | 4.4 | -3.1 | 506.0 | 999.9 | 99.9 | 999.9 | 77.0 | 103. |
| 80.2 | 164.0 | 25064.1 | 25.0 | -51.3 | 99.9 | 336.5 | 2.0 | -1.8 | -2.2 | 637.3 | 999.9 | 99.9 | 999.9 | 78.2 | 104. |

ORIGINAL PAGE IS
OF POOR QUALITY

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ° BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425
HUNTINGTON, WVA

24 APRIL 1975
1115 GMT

137 65. 0

| TIME MIN | CNTCT | HEIGHT GFW | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/SEC | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|-------------|----------|
| 0.0 | 7.7 | 246.0 | 983.1 | 17.2 | 11.7 | 180.0 | 3.2 | 0.0 | 3.2 | 292.9 | 316.1 | 8.8 | 70.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 8.5 | 316.9 | 975.0 | 17.3 | 11.2 | 205.9 | 16.1 | 7.0 | 14.5 | 293.7 | 316.5 | 8.6 | 67.4 | 0.3 | 14. |
| 0.9 | 10.6 | 539.3 | 950.0 | 17.2 | 11.2 | 211.7 | 17.4 | 9.1 | 14.8 | 255.8 | 319.3 | 8.8 | 67.8 | 0.7 | 22. |
| 1.7 | 12.9 | 766.6 | 925.0 | 15.8 | 10.7 | 223.5 | 23.6 | 16.2 | 17.1 | 298.6 | 320.1 | 8.8 | 71.8 | 1.7 | 31. |
| 2.5 | 15.1 | 959.4 | 900.0 | 14.8 | 11.2 | 234.4 | 26.5 | 21.6 | 15.5 | 298.0 | 323.0 | 9.3 | 78.9 | 2.9 | 38. |
| 3.3 | 17.3 | 1237.8 | 875.0 | 13.4 | 10.8 | 242.5 | 25.5 | 22.6 | 11.0 | 295.0 | 324.2 | 9.4 | 84.2 | 4.0 | 45. |
| 4.1 | 19.8 | 1481.7 | 850.0 | 11.6 | 10.2 | 249.5 | 23.0 | 21.6 | 8.1 | 299.6 | 324.5 | 9.2 | 90.8 | 5.2 | 45. |
| 4.9 | 22.1 | 1731.5 | 825.0 | 10.3 | 9.0 | 255.3 | 21.3 | 20.6 | 5.4 | 300.7 | 324.5 | 8.8 | 91.1 | 6.1 | 54. |
| 5.7 | 24.3 | 1987.8 | 800.0 | 8.6 | 7.4 | 252.8 | 22.6 | 21.6 | 6.7 | 301.4 | 323.7 | 8.1 | 92.2 | 7.1 | 56. |
| 6.5 | 26.8 | 2250.2 | 775.0 | 7.0 | 6.0 | 256.3 | 21.4 | 20.8 | 5.1 | 302.4 | 323.4 | 7.6 | 93.5 | 8.1 | 55. |
| 7.4 | 29.3 | 2519.5 | 750.0 | 4.9 | 4.0 | 257.3 | 20.5 | 20.0 | 4.5 | 302.8 | 321.9 | 6.8 | 93.8 | 9.2 | 61. |
| 8.4 | 32.3 | 2796.0 | 725.0 | 3.6 | 1.6 | 258.7 | 20.2 | 19.8 | 3.9 | 308.2 | 321.0 | 6.0 | 87.0 | 10.3 | 63. |
| 9.3 | 34.6 | 3080.5 | 700.0 | 1.8 | -0.5 | 257.1 | 21.3 | 20.7 | 4.7 | 305.1 | 321.7 | 5.4 | 97.3 | 12.7 | 66. |
| 10.3 | 37.0 | 3373.1 | 675.0 | -0.2 | -0.6 | 255.6 | 21.2 | 20.5 | 5.3 | 306.1 | 321.7 | 5.4 | 97.3 | 12.7 | 66. |
| 11.2 | 39.8 | 3674.5 | 650.0 | -2.3 | -2.8 | 253.0 | 20.3 | 19.4 | 5.9 | 306.9 | 320.8 | 4.8 | 96.4 | 13.9 | 64. |
| 12.4 | 42.4 | 3985.7 | 625.0 | -3.9 | -4.4 | 249.6 | 20.0 | 18.8 | 7.0 | 308.6 | 321.5 | 4.4 | 96.1 | 15.2 | 67. |
| 13.3 | 45.1 | 4307.3 | 600.0 | -5.9 | -6.9 | 248.3 | 21.3 | 19.8 | 7.9 | 307.8 | 321.1 | 3.8 | 92.2 | 16.3 | 57. |
| 14.4 | 48.3 | 4638.6 | 575.0 | -9.4 | -20.4 | 250.4 | 21.9 | 20.6 | 7.3 | 309.1 | 313.2 | 1.3 | 40.2 | 17.7 | 67. |
| 15.5 | 51.3 | 4980.6 | 550.0 | -11.4 | -23.3 | 252.9 | 23.6 | 22.0 | 6.5 | 310.6 | 314.1 | 1.1 | 36.6 | 19.3 | 67. |
| 16.7 | 54.1 | 5336.1 | 525.0 | -13.6 | -19.8 | 260.9 | 27.2 | 26.8 | 4.3 | 312.2 | 317.0 | 1.5 | 59.2 | 21.1 | 64. |
| 17.8 | 57.0 | 5700.5 | 500.0 | -14.8 | -17.8 | 271.7 | 24.7 | 24.7 | -0.7 | 313.2 | 321.1 | 1.9 | 77.6 | 22.8 | 65. |
| 19.0 | 60.3 | 6093.7 | 475.0 | -16.9 | -20.4 | 281.2 | 23.3 | 22.9 | -4.5 | 317.2 | 321.1 | 1.5 | 71.4 | 24.3 | 71. |
| 20.5 | 63.7 | 6497.7 | 450.0 | -19.6 | -23.9 | 280.5 | 24.3 | 23.9 | -4.4 | 318.7 | 322.7 | 1.2 | 68.3 | 26.0 | 74. |
| 21.7 | 66.4 | 6926.2 | 425.0 | -22.3 | -28.9 | 284.1 | 23.9 | 23.1 | -3.6 | 320.5 | 323.3 | 0.8 | 54.7 | 27.7 | 75. |
| 23.1 | 70.4 | 7334.4 | 400.0 | -25.4 | -32.5 | 281.2 | 21.7 | 20.2 | -7.9 | 322.0 | 324.2 | 0.6 | 51.3 | 29.3 | 78. |
| 24.5 | 73.7 | 7821.4 | 375.0 | -29.0 | -37.4 | 289.3 | 20.2 | 19.1 | -6.7 | 323.2 | 324.6 | 0.4 | 43.6 | 30.8 | 79. |
| 26.2 | 77.7 | 8318.2 | 350.0 | -32.7 | -43.4 | 279.5 | 22.5 | 22.2 | -3.7 | 324.6 | 325.4 | 0.2 | 33.1 | 32.7 | 81. |
| 27.9 | 81.5 | 8835.8 | 325.0 | -36.9 | -49.3 | 276.1 | 24.2 | 24.1 | -2.6 | 325.7 | 326.2 | 0.1 | 25.9 | 35.1 | 82. |
| 29.6 | 85.0 | 9384.0 | 300.0 | -41.7 | -55.9 | 270.6 | 27.3 | 27.1 | -3.4 | 326.6 | 999.9 | 99.9 | 99.9 | 37.7 | 83. |
| 31.6 | 89.9 | 9967.7 | 275.0 | -46.4 | -59.9 | 280.6 | 28.6 | 28.3 | -5.3 | 328.1 | 999.9 | 99.9 | 99.9 | 40.9 | 84. |
| 33.8 | 94.6 | 10593.7 | 250.0 | -51.5 | -59.9 | 282.8 | 35.3 | 32.5 | -13.7 | 329.5 | 999.9 | 99.9 | 99.9 | 44.6 | 86. |
| 36.2 | 99.4 | 11269.6 | 225.0 | -55.5 | -59.9 | 280.3 | 34.8 | 39.1 | -7.1 | 331.9 | 999.9 | 99.9 | 99.9 | 49.5 | 85. |
| 39.6 | 104.5 | 12004.4 | 200.0 | -62.0 | -59.9 | 280.9 | 37.9 | 37.3 | -7.2 | 334.5 | 999.9 | 99.9 | 99.9 | 54.8 | 90. |
| 41.0 | 110.3 | 12826.7 | 175.0 | -64.5 | -59.9 | 281.6 | 38.6 | 37.8 | -7.4 | 336.6 | 999.9 | 99.9 | 99.9 | 59.4 | 91. |
| 43.4 | 116.3 | 13782.0 | 150.0 | -59.5 | -59.9 | 284.6 | 29.4 | 28.5 | -7.4 | 347.7 | 999.9 | 99.9 | 99.9 | 65.9 | 92. |
| 47.0 | 123.5 | 14933.1 | 125.0 | -59.6 | -59.9 | 271.0 | 25.0 | 25.0 | -0.5 | 367.1 | 999.9 | 99.9 | 99.9 | 70.7 | 92. |
| 50.9 | 131.7 | 16323.2 | 100.0 | -60.4 | -59.9 | 272.8 | 26.1 | 26.0 | -1.3 | 411.1 | 999.9 | 99.9 | 99.9 | 77.2 | 93. |
| 56.2 | 139.7 | 18105.1 | 75.0 | -63.5 | -59.9 | 279.3 | 9.0 | 8.8 | -1.5 | 439.8 | 999.9 | 99.9 | 99.9 | 79.7 | 93. |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

ORIGINAL PAGE
OF POOR QUALITY

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 424
DAYTON, OHIO

24 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT T UG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.9 | 298.0 | 974.1 | 14.4 | 13.8 | 190.0 | 3.2 | 0.6 | 3.2 | 291.1 | 317.5 | 10.2 | 96.0 | 0.0 | 0. |
| 09.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 09.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 10.1 | 510.5 | 950.0 | 14.6 | 13.3 | 222.5 | 13.5 | 9.1 | 5.2 | 243.3 | 319.9 | 10.2 | 92.1 | 0.4 | 30. |
| 1.5 | 12.2 | 736.6 | 925.0 | 14.3 | 12.1 | 233.5 | 17.1 | 13.8 | 10.2 | 245.2 | 320.8 | 9.7 | 87.4 | 1.1 | 42. |
| 2.2 | 14.3 | 969.3 | 900.0 | 15.2 | 7.9 | 241.7 | 16.6 | 14.6 | 7.2 | 248.1 | 318.4 | 7.5 | 61.8 | 1.9 | 48. |
| 3.0 | 16.7 | 1207.3 | 875.0 | 13.1 | 6.3 | 252.9 | 15.1 | 14.5 | 4.5 | 258.3 | 317.0 | 6.9 | 63.7 | 2.6 | 54. |
| 3.3 | 19.1 | 1400.4 | 850.0 | 11.0 | 6.1 | 263.0 | 15.6 | 15.5 | 1.9 | 268.6 | 317.7 | 7.0 | 71.9 | 3.4 | 60. |
| 4.8 | 21.4 | 1699.1 | 825.0 | 9.6 | 3.2 | 272.1 | 15.0 | 15.0 | -0.5 | 295.6 | 315.8 | 5.9 | 64.4 | 4.1 | 66. |
| 5.9 | 23.9 | 1954.9 | 800.0 | 10.0 | -2.6 | 264.1 | 15.7 | 15.6 | 1.6 | 302.3 | 313.7 | 4.0 | 41.2 | 4.3 | 69. |
| 6.7 | 26.2 | 2218.3 | 775.0 | 8.8 | -5.7 | 262.3 | 18.7 | 18.6 | 2.5 | 303.6 | 313.1 | 3.2 | 35.5 | 5.8 | 71. |
| 7.4 | 28.9 | 2488.8 | 750.0 | 7.2 | -7.4 | 261.3 | 21.4 | 21.1 | 3.2 | 304.8 | 313.4 | 2.9 | 34.4 | 6.7 | 73. |
| 8.4 | 31.4 | 2767.0 | 725.0 | 5.9 | -8.8 | 256.2 | 23.2 | 22.5 | 5.5 | 306.4 | 315.8 | 3.2 | 39.4 | 6.9 | 74. |
| 9.2 | 34.1 | 3053.6 | 700.0 | 4.2 | -5.1 | 253.9 | 23.2 | 22.3 | 6.4 | 307.7 | 318.7 | 3.7 | 50.6 | 9.2 | 74. |
| 10.1 | 36.6 | 3348.6 | 675.0 | 2.4 | -9.7 | 255.5 | 22.3 | 21.6 | 5.6 | 308.6 | 316.9 | 2.7 | 40.7 | 10.5 | 74. |
| 11.1 | 39.3 | 3652.5 | 650.0 | 0.1 | -13.3 | 259.4 | 19.8 | 19.4 | 3.4 | 309.4 | 315.9 | 2.1 | 35.6 | 11.7 | 74. |
| 12.1 | 41.9 | 3955.4 | 625.0 | -2.2 | -13.3 | 267.5 | 17.7 | 17.7 | 0.8 | 310.1 | 316.9 | 2.2 | 42.4 | 12.8 | 75. |
| 13.2 | 44.3 | 4289.2 | 600.0 | -4.9 | -12.6 | 274.3 | 18.4 | 18.3 | -1.4 | 310.7 | 323.7 | 2.4 | 55.3 | 13.9 | 77. |
| 14.4 | 47.9 | 4622.2 | 575.0 | -6.6 | -7.9 | 270.1 | 20.7 | 20.7 | -0.0 | 312.7 | 323.7 | 3.7 | 90.5 | 15.1 | 78. |
| 15.4 | 50.7 | 4968.8 | 550.0 | -8.6 | -9.9 | 266.1 | 24.4 | 24.3 | 1.6 | 314.3 | 324.3 | 3.3 | 90.1 | 16.4 | 79. |
| 16.4 | 53.6 | 5328.5 | 525.0 | -10.8 | -12.1 | 264.2 | 25.6 | 25.4 | 2.6 | 315.8 | 324.6 | 2.9 | 89.8 | 18.1 | 79. |
| 17.5 | 56.6 | 5702.1 | 500.0 | -13.4 | -14.8 | 262.4 | 28.0 | 27.7 | 3.7 | 317.0 | 324.5 | 2.4 | 88.8 | 19.4 | 80. |
| 18.6 | 59.9 | 6090.5 | 475.0 | -16.2 | -18.0 | 262.9 | 21.5 | 21.3 | 2.7 | 318.1 | 324.3 | 1.9 | 85.8 | 21.6 | 80. |
| 20.0 | 63.3 | 6495.8 | 450.0 | -19.0 | -20.9 | 262.3 | 22.1 | 21.9 | 3.0 | 319.5 | 324.7 | 1.6 | 84.8 | 23.2 | 80. |
| 21.3 | 66.4 | 6919.2 | 425.0 | -21.9 | -24.2 | 260.8 | 21.2 | 20.4 | 3.4 | 321.0 | 325.2 | 1.3 | 81.8 | 25.0 | 80. |
| 22.7 | 70.0 | 7362.1 | 400.0 | -25.6 | -28.3 | 267.0 | 20.7 | 20.7 | 6.2 | 323.2 | 325.3 | 0.9 | 77.8 | 26.7 | 80. |
| 24.3 | 73.5 | 7827.4 | 375.0 | -29.0 | -33.7 | 266.6 | 27.4 | 27.4 | -1.9 | 324.7 | 326.0 | 0.4 | 51.1 | 31.6 | 81. |
| 25.8 | 77.3 | 8317.4 | 350.0 | -32.7 | -39.3 | 273.9 | 28.4 | 28.4 | -1.6 | 325.6 | 326.5 | 0.2 | 49.6 | 34.6 | 81. |
| 27.6 | 81.2 | 8934.5 | 325.0 | -37.0 | -43.7 | 272.7 | 33.6 | 33.6 | -1.2 | 326.4 | 326.5 | 0.2 | 49.6 | 34.6 | 81. |
| 29.2 | 85.3 | 9383.0 | 300.0 | -41.8 | 99.9 | 271.9 | 36.3 | 36.3 | 0.2 | 327.7 | 326.5 | 0.2 | 49.6 | 34.6 | 81. |
| 31.0 | 89.5 | 9966.7 | 275.0 | -46.6 | 99.9 | 269.7 | 40.6 | 40.6 | 0.2 | 327.7 | 326.5 | 0.2 | 49.6 | 34.6 | 81. |
| 33.0 | 94.2 | 10591.3 | 250.0 | -52.2 | 99.9 | 267.6 | 43.1 | 43.1 | 1.8 | 328.5 | 326.5 | 0.2 | 49.6 | 34.6 | 81. |
| 35.2 | 99.0 | 11243.8 | 225.0 | -58.0 | 99.9 | 265.6 | 49.7 | 49.7 | 3.8 | 329.6 | 326.5 | 0.2 | 49.6 | 34.6 | 81. |
| 37.5 | 104.0 | 11956.3 | 200.0 | -63.9 | 99.9 | 264.0 | 50.0 | 49.7 | 5.2 | 331.5 | 326.5 | 0.2 | 49.6 | 34.6 | 81. |
| 40.0 | 109.0 | 12815.7 | 175.0 | -63.7 | 99.9 | 263.9 | 29.4 | 28.6 | -7.1 | 344.9 | 326.5 | 0.2 | 49.6 | 34.6 | 81. |
| 43.0 | 115.6 | 13769.3 | 150.0 | -59.4 | 99.9 | 275.4 | 30.6 | 30.5 | -2.9 | 367.8 | 326.5 | 0.2 | 49.6 | 34.6 | 81. |
| 47.0 | 125.7 | 14920.4 | 125.0 | -56.9 | 99.9 | 271.3 | 24.6 | 24.6 | -0.6 | 391.9 | 326.5 | 0.2 | 49.6 | 34.6 | 81. |
| 51.6 | 130.3 | 16327.7 | 100.0 | -58.9 | 99.9 | 269.0 | 29.6 | 29.6 | 0.5 | 414.0 | 326.5 | 0.2 | 49.6 | 34.6 | 81. |
| 57.0 | 138.7 | 18111.0 | 75.0 | -64.1 | 99.9 | 272.1 | 9.8 | 9.8 | -0.4 | 438.5 | 326.5 | 0.2 | 49.6 | 34.6 | 81. |
| 64.4 | 147.5 | 20441.9 | 50.0 | -58.9 | 99.9 | 301.2 | 1.4 | 1.2 | -0.7 | 504.8 | 326.5 | 0.2 | 49.6 | 34.6 | 81. |
| 99.0 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 433
SALEM, ILL

24 APRIL 1975
1204 GMT

| TIME MIN | CNTCT | WEIGHT GEM | PRES MB | TEMP DG C | CEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | KX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.7 | 175.0 | 988.0 | 14.4 | 14.4 | 160.0 | 3.6 | -1.2 | 3.4 | 289.9 | 316.9 | 10.5 | 100.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 6.8 | 287.5 | 975.0 | 15.0 | 13.2 | 89.9 | 9.8 | -4.8 | -0.0 | 291.6 | 317.2 | 6.9 | 88.8 | 0.2 | 35.9 |
| 1.0 | 8.9 | 508.3 | 950.0 | 15.8 | 10.8 | 84.6 | 7.7 | -7.7 | -0.7 | 294.4 | 317.2 | 8.6 | 72.2 | 0.3 | 29.0 |
| 1.7 | 10.9 | 735.1 | 925.0 | 15.1 | 9.6 | 4.5 | 4.0 | -2.7 | -2.9 | 295.8 | 317.7 | 8.2 | 69.8 | 0.5 | 24.0 |
| 2.4 | 13.2 | 967.2 | 900.0 | 14.2 | 8.6 | 358.3 | 6.8 | 6.7 | -6.7 | 297.2 | 318.2 | 7.8 | 68.7 | 0.5 | 25.0 |
| 3.1 | 15.4 | 1205.2 | 875.0 | 13.3 | 6.8 | 349.1 | 11.7 | 2.2 | -11.5 | 298.5 | 317.9 | 7.1 | 64.9 | 0.7 | 21.0 |
| 3.9 | 17.5 | 1448.8 | 850.0 | 12.0 | 5.4 | 358.2 | 13.1 | 1.3 | -13.0 | 299.6 | 317.9 | 6.6 | 63.8 | 1.1 | 14.0 |
| 4.7 | 19.9 | 1699.3 | 825.0 | 10.0 | 4.3 | 348.6 | 12.5 | 2.5 | -12.3 | 300.0 | 317.4 | 6.3 | 67.4 | 1.7 | 14.0 |
| 5.4 | 22.1 | 1951.7 | 800.0 | 8.4 | 4.6 | 332.3 | 9.3 | 4.3 | -8.2 | 300.9 | 319.4 | 6.7 | 77.2 | 2.2 | 18.3 |
| 6.2 | 24.6 | 2215.8 | 775.0 | 6.7 | 4.2 | 285.5 | 8.0 | 7.7 | -2.2 | 302.1 | 323.4 | 7.7 | 96.7 | 2.5 | 17.7 |
| 7.0 | 26.9 | 2445.0 | 750.0 | 5.5 | 5.2 | 259.0 | 12.8 | 12.6 | 2.4 | 303.5 | 324.1 | 7.4 | 97.7 | 2.6 | 16.4 |
| 8.2 | 29.4 | 2752.2 | 725.0 | 4.1 | 3.5 | 253.3 | 17.8 | 17.2 | 4.5 | 304.8 | 324.0 | 6.8 | 96.1 | 2.7 | 14.1 |
| 9.2 | 32.0 | 3047.4 | 700.0 | 2.6 | 2.1 | 253.9 | 20.7 | 19.8 | 5.7 | 306.2 | 324.4 | 6.4 | 96.5 | 3.4 | 12.4 |
| 10.1 | 34.7 | 3341.5 | 675.0 | 1.0 | 0.6 | 249.3 | 22.4 | 20.9 | 7.9 | 307.5 | 324.5 | 6.0 | 97.3 | 4.2 | 11.2 |
| 11.2 | 37.2 | 3644.7 | 650.0 | -0.3 | -0.6 | 247.1 | 28.9 | 23.0 | 10.4 | 309.4 | 325.7 | 5.6 | 97.5 | 5.4 | 9.0 |
| 12.1 | 39.9 | 3958.1 | 625.0 | -2.0 | -2.4 | 246.9 | 26.5 | 24.4 | 9.7 | 310.8 | 325.8 | 5.1 | 96.6 | 6.7 | 7.0 |
| 13.1 | 42.6 | 4291.6 | 600.0 | -4.8 | -4.8 | 246.8 | 28.5 | 26.2 | 11.2 | 311.0 | 320.1 | 3.0 | 67.8 | 8.2 | 8.0 |
| 14.1 | 45.5 | 4615.3 | 575.0 | -7.1 | -14.0 | 245.5 | 28.9 | 26.3 | 12.0 | 311.9 | 319.9 | 2.3 | 57.9 | 10.3 | 9.0 |
| 15.2 | 48.4 | 4961.0 | 550.0 | -8.9 | -10.4 | 247.0 | 28.0 | 26.7 | 11.3 | 313.7 | 317.8 | 1.9 | 54.6 | 11.7 | 41.0 |
| 16.2 | 51.1 | 5319.7 | 525.0 | -11.4 | -20.5 | 248.5 | 30.3 | 28.2 | 11.1 | 314.8 | 316.3 | 1.4 | 46.7 | 13.6 | 7.0 |
| 17.3 | 54.3 | 5692.5 | 500.0 | -13.7 | -29.4 | 248.7 | 30.0 | 27.9 | 10.9 | 316.4 | 316.7 | 0.7 | 25.7 | 15.5 | 7.0 |
| 18.5 | 57.3 | 6080.7 | 475.0 | -15.7 | -30.1 | 251.0 | 27.4 | 25.9 | 8.9 | 318.6 | 321.0 | 0.7 | 30.4 | 17.5 | 7.0 |
| 19.8 | 60.7 | 6487.2 | 450.0 | -17.9 | -23.0 | 255.0 | 24.5 | 27.5 | 7.4 | 320.8 | 325.2 | 1.3 | 64.6 | 19.7 | 7.0 |
| 21.2 | 64.1 | 6912.3 | 425.0 | -21.0 | -25.7 | 258.1 | 27.9 | 26.8 | 7.7 | 322.1 | 325.8 | 1.1 | 65.7 | 22.0 | 7.0 |
| 22.5 | 67.6 | 7357.7 | 400.0 | -24.0 | -27.9 | 253.2 | 28.5 | 25.3 | 7.6 | 323.8 | 327.1 | 1.0 | 69.9 | 24.1 | 7.0 |
| 23.8 | 71.0 | 7825.3 | 375.0 | -27.7 | -32.7 | 252.0 | 23.4 | 22.2 | 7.2 | 325.0 | 327.2 | 0.6 | 62.3 | 26.2 | 7.0 |
| 25.1 | 74.9 | 8317.9 | 350.0 | -31.5 | -30.0 | 255.6 | 23.9 | 23.1 | 5.9 | 326.3 | 328.0 | 0.5 | 63.8 | 27.4 | 7.0 |
| 26.7 | 78.0 | 8837.8 | 325.0 | -35.8 | -40.6 | 254.6 | 22.6 | 21.8 | 6.0 | 327.3 | 328.5 | 0.3 | 60.9 | 30.1 | 7.0 |
| 28.4 | 82.3 | 9384.8 | 300.0 | -40.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 328.2 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 30.1 | 87.2 | 9975.5 | 275.0 | -45.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.7 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 32.0 | 92.0 | 10603.1 | 250.0 | -51.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 330.0 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 34.1 | 96.8 | 11278.4 | 225.0 | -57.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 330.2 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 36.4 | 102.0 | 12011.4 | 200.0 | -63.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 332.2 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 38.1 | 107.8 | 12829.0 | 175.0 | -64.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 334.2 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 42.3 | 114.0 | 13792.7 | 150.0 | -67.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 337.0 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 46.0 | 121.0 | 14937.0 | 125.0 | -60.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 345.1 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.6 | 129.0 | 16332.7 | 100.0 | -58.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 415.0 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 55.9 | 178.3 | 18110.1 | 75.0 | -63.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 436.7 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

ORIGINAL PAGE 1
OF POOR QUALITY

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
GOODE CITY, KAN

24 APRIL 1975
1115 GMT

153 13. 0

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCMP M/SEC | POT Y CG K | E PUT Y DG K | MR RTO GN/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 12.6 | 791.0 | 915.3 | 14.4 | 12.8 | 99.9 | 7.2 | -3.6 | -6.2 | 296.3 | 323.3 | 10.2 | 90.0 | 0.0 | 0.0 |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 01.9 | 96.3 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 02.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 03.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 04.9 | 15.1 | 934.0 | 900.0 | 14.1 | 10.6 | 42.6 | 9.6 | -6.5 | -7.1 | 297.2 | 321.2 | 9.0 | 70.4 | 0.3 | 21.2 |
| 05.9 | 17.3 | 1171.7 | 875.0 | 15.6 | -11.3 | 29.2 | 7.2 | -3.5 | -6.3 | 300.3 | 305.8 | 1.8 | 14.6 | 0.7 | 21.6 |
| 06.9 | 19.9 | 1419.8 | 850.0 | 19.5 | -18.8 | 6.0 | 6.3 | -0.7 | -6.3 | 306.7 | 310.0 | 1.0 | 6.3 | 1.0 | 21.1 |
| 07.9 | 22.2 | 1675.5 | 825.0 | 18.5 | -38.6 | 342.6 | 7.8 | 2.3 | -7.5 | 308.2 | 308.7 | 0.2 | 1.0 | 1.3 | 20.6 |
| 08.9 | 24.5 | 1937.5 | 800.0 | 16.4 | -37.5 | 331.8 | 8.3 | 5.4 | -7.3 | 308.6 | 309.3 | 0.2 | 1.3 | 1.7 | 19.1 |
| 09.9 | 27.1 | 2205.3 | 775.0 | 13.5 | -30.9 | 324.9 | 8.8 | 5.1 | -7.2 | 308.4 | 309.6 | 0.4 | 3.0 | 2.3 | 19.1 |
| 10.9 | 29.3 | 2479.6 | 750.0 | 11.1 | -28.8 | 323.4 | 9.0 | 5.4 | -7.2 | 308.7 | 310.3 | 0.5 | 4.3 | 2.5 | 17.4 |
| 11.9 | 32.6 | 2760.7 | 725.0 | 8.5 | -25.2 | 318.4 | 7.7 | 5.4 | -5.5 | 308.9 | 311.1 | 0.7 | 7.0 | 2.8 | 16.5 |
| 12.9 | 35.3 | 3045.1 | 700.0 | 5.9 | -24.0 | 308.7 | 7.4 | 5.7 | -4.6 | 309.1 | 311.7 | 0.8 | 9.4 | 3.2 | 16.4 |
| 13.9 | 38.3 | 3345.9 | 675.0 | 3.3 | -25.1 | 292.5 | 6.7 | 6.2 | -2.6 | 309.5 | 311.9 | 0.7 | 10.2 | 3.6 | 15.9 |
| 14.9 | 40.8 | 3649.6 | 650.0 | 1.1 | -25.5 | 284.3 | 6.3 | 6.9 | 3.7 | 310.3 | 312.7 | 0.7 | 11.6 | 3.7 | 15.4 |
| 15.9 | 43.7 | 3943.2 | 625.0 | -1.7 | -24.1 | 241.3 | 7.8 | 6.9 | 3.7 | 310.6 | 313.4 | 0.9 | 16.0 | 3.7 | 14.6 |
| 16.9 | 46.5 | 4286.0 | 600.0 | -4.8 | -24.6 | 233.3 | 9.5 | 8.5 | 4.3 | 310.6 | 313.4 | 0.9 | 19.4 | 3.8 | 14.0 |
| 17.9 | 49.9 | 4618.9 | 575.0 | -7.7 | -24.0 | 250.7 | 13.1 | 12.4 | 4.3 | 311.1 | 314.2 | 1.0 | 25.6 | 4.0 | 13.1 |
| 18.9 | 52.7 | 4967.4 | 550.0 | -10.0 | -23.1 | 250.8 | 16.2 | 15.3 | 5.3 | 312.3 | 315.8 | 1.1 | 33.3 | 4.6 | 12.1 |
| 19.9 | 55.3 | 5320.8 | 525.0 | -12.1 | -38.2 | 246.7 | 17.5 | 16.0 | 6.9 | 313.9 | 314.8 | 0.3 | 9.3 | 5.5 | 11.0 |
| 20.9 | 59.1 | 5691.8 | 500.0 | -15.0 | -35.0 | 244.0 | 17.7 | 15.9 | 7.7 | 314.7 | 316.5 | 0.4 | 16.2 | 6.5 | 10.2 |
| 21.9 | 62.6 | 6077.4 | 475.0 | -17.9 | -43.0 | 249.4 | 19.8 | 14.5 | 7.0 | 315.8 | 316.5 | 0.2 | 8.9 | 7.6 | 9.0 |
| 22.9 | 65.9 | 6480.0 | 450.0 | -20.2 | -35.9 | 247.4 | 23.2 | 21.4 | 8.9 | 317.8 | 319.2 | 0.4 | 23.1 | 9.3 | 9.1 |
| 23.9 | 69.6 | 6907.2 | 425.0 | -24.1 | -34.7 | 245.6 | 25.9 | 23.6 | 10.7 | 318.1 | 319.7 | 0.5 | 37.0 | 11.3 | 8.6 |
| 24.9 | 73.2 | 7338.7 | 400.0 | -28.5 | -34.1 | 242.6 | 28.2 | 25.0 | 13.2 | 319.7 | 319.7 | 0.5 | 58.2 | 13.5 | 8.3 |
| 25.9 | 77.2 | 7767.9 | 375.0 | -31.6 | -35.8 | 246.4 | 30.0 | 27.5 | 12.0 | 319.7 | 321.4 | 0.5 | 66.0 | 15.4 | 8.0 |
| 26.9 | 81.3 | 8281.7 | 350.0 | -35.9 | -40.3 | 247.0 | 33.8 | 31.1 | 13.2 | 320.3 | 321.5 | 0.3 | 63.6 | 15.4 | 7.4 |
| 27.9 | 85.1 | 8792.2 | 325.0 | -39.7 | 99.9 | 247.0 | 32.1 | 29.5 | 12.9 | 321.9 | 321.9 | 99.9 | 99.9 | 21.6 | 7.0 |
| 28.9 | 89.4 | 9338.2 | 300.0 | -43.1 | 99.9 | 251.8 | 38.4 | 36.5 | 11.4 | 322.9 | 322.9 | 99.9 | 99.9 | 25.4 | 7.5 |
| 29.9 | 94.2 | 9911.7 | 275.0 | -47.1 | 99.9 | 253.7 | 40.5 | 38.8 | 11.4 | 324.9 | 324.9 | 99.9 | 99.9 | 29.5 | 7.5 |
| 30.9 | 99.0 | 10532.9 | 250.0 | -51.7 | 99.9 | 258.3 | 40.6 | 45.6 | 9.5 | 328.0 | 328.0 | 99.9 | 99.9 | 35.0 | 7.5 |
| 31.9 | 104.0 | 11257.1 | 225.0 | -55.7 | 99.9 | 260.6 | 52.3 | 51.6 | 8.6 | 331.6 | 331.6 | 99.9 | 99.9 | 41.0 | 7.6 |
| 32.9 | 109.3 | 11947.4 | 200.0 | -60.2 | 99.9 | 259.8 | 48.8 | 46.0 | 6.6 | 337.5 | 337.5 | 99.9 | 99.9 | 48.4 | 7.6 |
| 33.9 | 115.5 | 12777.3 | 175.0 | -64.4 | 99.9 | 257.9 | 43.1 | 42.2 | 9.1 | 350.3 | 350.3 | 99.9 | 99.9 | 55.7 | 7.7 |
| 34.9 | 122.0 | 13744.7 | 150.0 | -68.9 | 99.9 | 255.2 | 30.9 | 28.0 | 13.0 | 372.1 | 372.1 | 99.9 | 99.9 | 61.7 | 7.7 |
| 35.9 | 129.3 | 14900.0 | 125.0 | -73.8 | 99.9 | 249.8 | 23.2 | 21.8 | 8.0 | 392.1 | 392.1 | 99.9 | 99.9 | 70.2 | 7.0 |
| 36.9 | 136.8 | 16303.1 | 100.0 | -79.1 | 99.9 | 245.8 | 25.3 | 23.7 | 6.7 | 411.6 | 411.6 | 99.9 | 99.9 | 77.1 | 7.6 |
| 37.9 | 144.3 | 18097.9 | 75.0 | -84.8 | 99.9 | 244.4 | 14.1 | 16.1 | 1.6 | 447.6 | 447.6 | 99.9 | 99.9 | 85.5 | 7.6 |
| 38.9 | 152.7 | 20636.8 | 50.0 | -90.2 | 99.9 | 245.3 | 6.7 | 6.1 | 2.8 | 511.2 | 511.2 | 99.9 | 99.9 | 89.3 | 7.6 |
| 39.9 | 161.0 | 25103.6 | 25.0 | -95.5 | 99.9 | 71.5 | 8.9 | -4.5 | -2.8 | 639.4 | 639.4 | 99.9 | 99.9 | 92.4 | 7.7 |

° PV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NC. 456
TOPEKA, KAN

24 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | WEIGHT GEM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U CMP M/SEC | V CMP M/SEC | POT T DG K | E POT T DG K | MX RTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|----------------|----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.7 | 268.0 | 975.5 | 16.1 | 13.9 | 100.0 | 5.2 | -5.1 | 0.9 | 292.7 | 319.6 | 10.3 | 07.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 6.7 | 272.4 | 975.0 | 16.0 | 13.6 | 99.2 | 6.2 | -6.2 | 1.0 | 292.6 | 319.0 | 1.01 | 85.4 | 0.7 | 34.0 |
| 0.7 | 9.0 | 451.2 | 950.0 | 15.3 | 10.7 | 99.9 | 13.3 | -13.2 | 1.1 | 293.9 | 316.5 | 8.6 | 74.3 | 0.4 | 27.0 |
| 1.3 | 11.1 | 719.8 | 925.0 | 16.5 | 7.5 | 88.9 | 13.5 | -13.5 | -0.2 | 297.1 | 316.2 | 7.1 | 55.3 | 1.0 | 27.0 |
| 2.2 | 13.5 | 952.9 | 900.0 | 15.1 | 5.9 | 82.7 | 9.5 | -9.4 | -1.2 | 298.0 | 315.8 | 6.5 | 54.1 | 1.6 | 27.0 |
| 3.0 | 15.7 | 1191.2 | 875.0 | 14.0 | 5.3 | 92.4 | 6.6 | -6.6 | 0.3 | 299.2 | 316.7 | 6.8 | 55.7 | 1.3 | 26.9 |
| 3.7 | 18.0 | 1435.2 | 850.0 | 12.8 | 5.1 | 118.2 | 1.1 | -1.0 | 0.5 | 300.4 | 318.3 | 6.5 | 59.4 | 2.1 | 27.0 |
| 4.0 | 20.4 | 1695.0 | 825.0 | 12.2 | 3.5 | 281.6 | 4.6 | 4.5 | -0.9 | 302.3 | 319.0 | 6.0 | 55.3 | 2.0 | 27.0 |
| 5.4 | 22.8 | 1943.6 | 800.0 | 10.6 | 4.2 | 275.8 | 7.4 | 7.3 | -0.7 | 303.3 | 321.4 | 6.5 | 64.7 | 1.7 | 28.0 |
| 6.2 | 25.3 | 2207.3 | 775.0 | 8.0 | 5.4 | 280.2 | 8.9 | 8.8 | -1.6 | 303.3 | 323.6 | 7.3 | 83.9 | 1.3 | 28.0 |
| 7.3 | 27.7 | 2477.7 | 750.0 | 6.1 | 5.1 | 301.0 | 10.9 | 9.3 | -5.6 | 304.2 | 324.7 | 7.4 | 93.0 | 0.9 | 24.0 |
| 8.2 | 30.4 | 2755.3 | 725.0 | 4.3 | 1.6 | 283.6 | 14.7 | 14.3 | -3.5 | 305.0 | 321.9 | 6.0 | 82.5 | 0.7 | 19.0 |
| 9.2 | 33.1 | 3040.8 | 700.0 | 3.0 | -3.3 | 271.3 | 18.8 | 18.8 | -0.4 | 306.4 | 318.8 | 4.3 | 63.3 | 1.2 | 12.0 |
| 10.2 | 35.7 | 3334.5 | 675.0 | 0.6 | -5.4 | 283.4 | 17.3 | 16.8 | -4.0 | 306.9 | 317.9 | 3.8 | 63.7 | 2.1 | 11.2 |
| 11.1 | 38.4 | 3636.7 | 650.0 | -1.3 | -10.5 | 285.1 | 18.6 | 18.0 | -4.8 | 307.8 | 315.7 | 2.6 | 49.3 | 3.1 | 11.1 |
| 12.1 | 41.1 | 3947.9 | 625.0 | -3.6 | -14.6 | 280.0 | 20.9 | 20.5 | -3.6 | 308.6 | 314.7 | 2.0 | 42.1 | 4.3 | 10.7 |
| 13.1 | 44.1 | 4265.0 | 600.0 | -6.6 | -16.7 | 275.9 | 21.8 | 21.7 | -2.2 | 308.7 | 314.0 | 1.7 | 44.2 | 5.6 | 10.0 |
| 14.2 | 47.1 | 4599.7 | 575.0 | -9.7 | -18.4 | 274.9 | 22.3 | 22.3 | -1.9 | 308.8 | 313.7 | 1.6 | 48.7 | 7.0 | 10.0 |
| 15.2 | 50.3 | 4940.9 | 550.0 | -12.8 | -19.6 | 274.5 | 21.7 | 21.6 | -1.7 | 309.0 | 313.6 | 1.5 | 56.6 | 8.4 | 10.2 |
| 16.3 | 53.0 | 5284.5 | 525.0 | -14.2 | -21.4 | 263.2 | 22.6 | 22.4 | -2.7 | 311.5 | 315.6 | 1.3 | 54.2 | 9.7 | 10.1 |
| 17.5 | 56.1 | 5655.1 | 500.0 | -14.6 | -23.7 | 250.4 | 27.4 | 25.8 | 9.2 | 315.3 | 319.0 | 1.1 | 45.6 | 11.4 | 9.7 |
| 18.7 | 59.5 | 6031.5 | 475.0 | -17.4 | -27.3 | 249.6 | 24.9 | 27.1 | 10.1 | 316.4 | 319.3 | 0.9 | 41.7 | 13.3 | 9.0 |
| 20.0 | 63.0 | 6454.5 | 450.0 | -20.1 | -35.0 | 249.4 | 28.4 | 26.6 | 10.0 | 318.0 | 319.5 | 0.4 | 25.0 | 15.3 | 8.0 |
| 21.4 | 66.4 | 6875.4 | 425.0 | -23.5 | -38.4 | 246.3 | 26.4 | 24.2 | 10.6 | 318.8 | 319.9 | 0.3 | 23.8 | 17.4 | 8.7 |
| 23.0 | 70.1 | 7316.5 | 400.0 | -26.1 | -42.2 | 250.5 | 27.8 | 26.2 | 9.3 | 321.0 | 321.8 | 0.2 | 20.1 | 19.9 | 8.4 |
| 24.5 | 73.8 | 7779.8 | 375.0 | -30.1 | -45.0 | 250.5 | 27.1 | 25.6 | 9.0 | 321.7 | 322.4 | 0.2 | 21.6 | 22.2 | 8.3 |
| 26.1 | 77.8 | 8267.2 | 350.0 | -33.9 | -47.7 | 247.4 | 26.9 | 26.8 | 10.3 | 322.9 | 323.5 | 0.1 | 23.2 | 25.3 | 8.1 |
| 28.1 | 81.8 | 8781.7 | 325.0 | -38.4 | -50.9 | 244.9 | 25.6 | 23.2 | 10.8 | 323.7 | 323.9 | 99.9 | 99.9 | 28.1 | 8.0 |
| 30.2 | 86.2 | 9326.5 | 300.0 | -43.0 | -59.9 | 241.2 | 26.8 | 23.5 | 12.9 | 324.8 | 324.8 | 99.9 | 99.9 | 31.3 | 7.8 |
| 32.2 | 90.8 | 9907.2 | 275.0 | -47.8 | -69.9 | 236.1 | 25.5 | 21.2 | 14.2 | 326.1 | 326.1 | 99.9 | 99.9 | 34.2 | 7.0 |
| 34.3 | 95.7 | 10529.7 | 250.0 | -52.3 | -79.9 | 241.1 | 24.9 | 25.8 | 14.2 | 328.3 | 328.3 | 99.9 | 99.9 | 37.7 | 7.0 |
| 36.7 | 100.9 | 11203.6 | 225.0 | -57.3 | -89.9 | 240.2 | 27.9 | 24.2 | 13.9 | 330.8 | 329.9 | 99.9 | 99.9 | 41.5 | 7.3 |
| 39.3 | 106.7 | 11940.4 | 200.0 | -61.5 | -99.9 | 233.9 | 29.5 | 23.8 | 17.4 | 335.3 | 329.9 | 99.9 | 99.9 | 46.2 | 7.0 |
| 41.9 | 112.8 | 12762.2 | 175.0 | -64.5 | -99.9 | 232.2 | 30.9 | 35.1 | 11.3 | 343.6 | 329.9 | 99.9 | 99.9 | 51.1 | 7.0 |
| 45.0 | 119.5 | 13718.8 | 150.0 | -60.3 | -99.9 | 253.1 | 31.5 | 30.1 | 9.1 | 366.2 | 329.9 | 99.9 | 99.9 | 58.3 | 7.1 |
| 48.2 | 127.3 | 14841.6 | 125.0 | -59.0 | -99.9 | 256.9 | 32.9 | 32.1 | 7.4 | 388.1 | 329.9 | 99.9 | 99.9 | 65.7 | 7.2 |
| 53.1 | 135.7 | 16287.8 | 100.0 | -53.1 | -99.9 | 254.1 | 17.6 | 18.9 | 5.4 | 425.1 | 329.9 | 99.9 | 99.9 | 72.3 | 7.0 |
| 59.0 | 144.7 | 18000.0 | 75.0 | -42.7 | -99.9 | 250.8 | 14.0 | 13.8 | -2.6 | 441.6 | 329.9 | 99.9 | 99.9 | 76.1 | 7.3 |
| 67.1 | 155.5 | 20626.2 | 50.0 | -37.0 | -99.9 | 283.2 | 8.9 | 8.6 | 1.0 | 509.2 | 329.9 | 99.9 | 99.9 | 79.7 | 7.3 |
| 78.6 | 167.0 | 25087.6 | 25.0 | -49.1 | -99.9 | 32.8 | 3.1 | -1.7 | -2.6 | 643.6 | 329.9 | 99.9 | 99.9 | 81.2 | 7.0 |

ORIGINAL PAGE IS
OF POOR QUALITY

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
• BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
• BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486
PORT TOTTEN, N Y

24 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GFN | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.6 | 8.0 | 1014.1 | 11.2 | 11.2 | 999.9 | 99.9 | 99.9 | 55.5 | 284.3 | 305.3 | 8.3 | 100.0 | 999.9 | 99.0 |
| 0.4 | 5.6 | 125.4 | 1009.0 | 11.0 | 10.8 | 999.9 | 99.9 | 99.9 | 59.9 | 285.3 | 306.1 | 8.2 | 98.3 | 999.9 | 99.0 |
| 1.1 | 7.6 | 337.3 | 975.0 | 12.2 | 11.9 | 999.9 | 99.9 | 99.9 | 99.9 | 286.6 | 311.9 | 9.1 | 98.5 | 999.9 | 99.0 |
| 2.0 | 5.9 | 554.5 | 950.0 | 14.0 | 8.9 | 999.9 | 99.9 | 99.9 | 99.9 | 292.4 | 312.5 | 7.6 | 71.5 | 999.9 | 99.0 |
| 2.7 | 11.7 | 741.3 | 925.0 | 12.6 | 7.8 | 999.9 | 99.9 | 99.9 | 99.9 | 293.1 | 312.2 | 7.2 | 72.7 | 999.9 | 99.0 |
| 3.6 | 13.9 | 1010.7 | 900.0 | 10.5 | 8.0 | 999.9 | 99.9 | 99.9 | 99.9 | 293.3 | 313.3 | 7.5 | 84.9 | 999.9 | 99.0 |
| 4.5 | 15.9 | 1244.8 | 875.0 | 8.5 | 7.4 | 999.9 | 99.9 | 99.9 | 99.9 | 293.5 | 313.3 | 7.4 | 93.1 | 999.9 | 99.0 |
| 5.2 | 18.1 | 1485.2 | 850.0 | 8.5 | 5.5 | 999.9 | 99.9 | 99.9 | 99.9 | 293.9 | 314.1 | 6.7 | 81.7 | 999.9 | 99.0 |
| 6.2 | 20.3 | 1731.8 | 825.0 | 6.7 | 4.3 | 999.9 | 99.9 | 99.9 | 99.9 | 294.5 | 313.7 | 6.3 | 84.8 | 999.9 | 99.0 |
| 7.1 | 22.5 | 1984.2 | 800.0 | 5.2 | 3.3 | 999.9 | 99.9 | 99.9 | 99.9 | 297.5 | 314.1 | 6.1 | 87.4 | 999.9 | 99.0 |
| 8.1 | 24.9 | 2243.1 | 775.0 | 3.4 | 0.3 | 999.9 | 99.9 | 99.9 | 99.9 | 298.1 | 312.1 | 5.1 | 79.9 | 999.9 | 99.0 |
| 8.9 | 27.0 | 2509.6 | 750.0 | 3.6 | -2.7 | 999.9 | 99.9 | 99.9 | 99.9 | 301.3 | 313.2 | 4.2 | 62.2 | 999.9 | 99.0 |
| 9.3 | 29.5 | 2784.2 | 725.0 | 1.7 | -5.0 | 999.9 | 99.9 | 99.9 | 99.9 | 31.7 | 312.2 | 3.6 | 61.0 | 999.9 | 99.0 |
| 10.8 | 32.0 | 3066.0 | 700.0 | -0.6 | -8.0 | 999.9 | 99.9 | 99.9 | 99.9 | 302.2 | 312.3 | 3.5 | 66.9 | 999.9 | 99.0 |
| 11.9 | 34.6 | 3356.5 | 675.0 | -1.7 | -11.0 | 999.9 | 99.9 | 99.9 | 99.9 | 304.1 | 311.4 | 2.4 | 48.8 | 999.9 | 99.0 |
| 13.1 | 36.9 | 3656.6 | 650.0 | -2.3 | -25.3 | 999.9 | 99.9 | 99.9 | 99.9 | 306.4 | 308.3 | 0.6 | 11.4 | 999.9 | 99.0 |
| 14.1 | 38.4 | 3966.3 | 625.0 | -5.0 | -26.7 | 999.9 | 99.9 | 99.9 | 99.9 | 308.8 | 309.0 | 0.7 | 16.3 | 999.9 | 99.0 |
| 15.3 | 42.1 | 4285.3 | 600.0 | -7.6 | -25.5 | 999.9 | 99.9 | 99.9 | 99.9 | 307.4 | 309.9 | 0.8 | 22.1 | 999.9 | 99.0 |
| 16.4 | 44.9 | 4615.2 | 575.0 | -9.8 | -31.4 | 999.9 | 99.9 | 99.9 | 99.9 | 308.6 | 310.2 | 0.5 | 15.2 | 999.9 | 99.0 |
| 17.6 | 47.7 | 4937.2 | 550.0 | -11.5 | -34.1 | 999.9 | 99.9 | 99.9 | 99.9 | 310.4 | 311.3 | 0.3 | 8.9 | 999.9 | 99.0 |
| 18.8 | 50.5 | 5311.9 | 525.0 | -14.0 | -35.8 | 999.9 | 99.9 | 99.9 | 99.9 | 311.5 | 312.3 | 0.2 | 5.2 | 999.9 | 99.0 |
| 20.1 | 53.4 | 5691.3 | 500.0 | -15.3 | -40.5 | 999.9 | 99.9 | 99.9 | 99.9 | 314.4 | 314.8 | 0.1 | 4.9 | 999.9 | 99.0 |
| 21.4 | 56.3 | 6066.9 | 475.0 | -17.8 | -47.9 | 999.9 | 99.9 | 99.9 | 99.9 | 315.9 | 316.3 | 0.1 | 5.1 | 999.9 | 99.0 |
| 22.7 | 59.4 | 6448.7 | 450.0 | -21.2 | -49.5 | 999.9 | 99.9 | 99.9 | 99.9 | 316.6 | 316.9 | 0.1 | 5.7 | 999.9 | 99.0 |
| 24.1 | 62.7 | 6887.4 | 425.0 | -24.2 | -50.1 | 999.9 | 99.9 | 99.9 | 99.9 | 318.0 | 318.3 | 0.1 | 7.0 | 999.9 | 99.0 |
| 25.5 | 65.9 | 7327.4 | 400.0 | -27.1 | -50.3 | 999.9 | 99.9 | 99.9 | 99.9 | 319.8 | 320.1 | 0.1 | 14.5 | 999.9 | 99.0 |
| 27.2 | 68.4 | 7789.7 | 375.0 | -30.1 | -48.5 | 999.9 | 99.9 | 99.9 | 99.9 | 321.7 | 322.2 | 0.1 | 17.0 | 999.9 | 99.0 |
| 28.7 | 72.9 | 8276.7 | 350.0 | -34.5 | -50.8 | 999.9 | 99.9 | 99.9 | 99.9 | 322.2 | 322.6 | 0.1 | 20.7 | 999.9 | 99.0 |
| 30.4 | 76.7 | 8789.9 | 325.0 | -39.2 | -53.2 | 999.9 | 99.9 | 99.9 | 99.9 | 323.5 | 322.8 | 99.9 | 999.9 | 999.9 | 99.0 |
| 32.2 | 80.6 | 9332.3 | 300.0 | -44.4 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 323.6 | 323.6 | 99.9 | 999.9 | 999.9 | 99.0 |
| 33.9 | 84.7 | 9908.6 | 275.0 | -49.5 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 324.8 | 999.9 | 99.9 | 999.9 | 999.9 | 99.0 |
| 36.1 | 89.3 | 10525.3 | 250.0 | -54.7 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 324.8 | 999.9 | 99.9 | 999.9 | 999.9 | 99.0 |
| 38.1 | 93.8 | 11192.3 | 225.0 | -59.7 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 324.1 | 999.9 | 99.9 | 999.9 | 999.9 | 99.0 |
| 41.0 | 98.8 | 11930.5 | 200.0 | -58.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 340.0 | 999.9 | 99.9 | 999.9 | 999.9 | 99.0 |
| 43.5 | 104.0 | 12758.6 | 175.0 | -64.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 343.3 | 999.9 | 99.9 | 999.9 | 999.9 | 99.0 |
| 46.4 | 110.2 | 13695.2 | 150.0 | -60.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 364.2 | 999.9 | 99.9 | 999.9 | 999.9 | 99.0 |
| 49.9 | 116.8 | 14349.4 | 125.0 | -54.7 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 365.9 | 999.9 | 99.9 | 999.9 | 999.9 | 99.0 |
| 54.2 | 125.0 | 16261.9 | 100.0 | -58.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 415.7 | 999.9 | 99.9 | 999.9 | 999.9 | 99.0 |
| 59.7 | 132.7 | 18064.8 | 75.0 | -60.8 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 445.6 | 999.9 | 99.9 | 999.9 | 999.9 | 99.0 |
| 67.0 | 143.3 | 21616.4 | 50.0 | -56.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 511.5 | 999.9 | 99.9 | 999.9 | 999.9 | 99.0 |
| 78.3 | 153.3 | 25077.1 | 25.0 | -52.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 638.9 | 999.9 | 99.9 | 999.9 | 999.9 | 99.0 |

* RY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* RY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 518
ALBANY, N Y24 APRIL 1975
1115 GMT

| TIME MIN | CNTCY | HEIGHT GFW | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.9 | 86.0 | 1002.9 | 8.0 | 6.5 | 170.3 | 5.2 | -0.9 | 5.1 | 51.7 | 297.2 | 6.1 | 90.0 | 0.0 | 0. |
| 0.3 | 6.0 | 109.9 | 1000.0 | 8.3 | 6.2 | 173.4 | 11.5 | -1.3 | 11.4 | 282.3 | 297.6 | 6.0 | 86.5 | 0.2 | 340. |
| 1.0 | 8.4 | 318.4 | 975.0 | 6.4 | 5.8 | 181.2 | 11.3 | 0.2 | 11.3 | 282.4 | 297.6 | 5.9 | 95.5 | 0.5 | 351. |
| 1.6 | 10.7 | 533.3 | 950.0 | 9.4 | 8.0 | 217.0 | 9.9 | 6.0 | 7.9 | 287.7 | 308.2 | 7.1 | 90.9 | 1.0 | 3. |
| 2.7 | 13.1 | 754.7 | 925.0 | 8.8 | 7.6 | 238.1 | 13.8 | 11.7 | 7.3 | 289.3 | 307.9 | 7.1 | 92.0 | 1.5 | 21. |
| 3.4 | 15.5 | 981.6 | 900.0 | 7.6 | 6.9 | 256.0 | 15.2 | 14.7 | 3.7 | 290.3 | 308.5 | 6.9 | 94.5 | 2.0 | 33. |
| 4.3 | 17.3 | 1213.9 | 875.0 | 7.7 | 6.9 | 271.2 | 17.8 | 17.8 | -0.4 | 292.7 | 311.8 | 7.2 | 94.6 | 2.6 | 49. |
| 5.1 | 20.4 | 1453.7 | 850.0 | 7.4 | 6.6 | 286.9 | 14.3 | 13.7 | -0.2 | 294.9 | 314.2 | 7.2 | 94.8 | 3.2 | 60. |
| 6.2 | 22.9 | 1699.4 | 825.0 | 6.0 | 5.2 | 298.1 | 14.2 | 14.0 | -2.0 | 255.8 | 314.0 | 6.7 | 94.8 | 3.8 | 69. |
| 7.1 | 25.5 | 1951.5 | 800.0 | 4.9 | 4.0 | 271.4 | 13.6 | 13.6 | -0.3 | 297.2 | 314.6 | 6.4 | 94.0 | 4.6 | 73. |
| 8.1 | 28.1 | 2210.1 | 775.0 | 3.3 | 2.3 | 272.6 | 12.3 | 12.3 | -0.6 | 258.1 | 314.2 | 5.9 | 93.4 | 5.3 | 76. |
| 8.9 | 30.3 | 2475.5 | 750.0 | 1.4 | 0.5 | 268.3 | 12.4 | 12.4 | 0.4 | 258.8 | 313.5 | 5.3 | 94.0 | 5.8 | 70. |
| 9.0 | 33.6 | 2746.3 | 725.0 | -0.3 | -1.1 | 264.7 | 11.3 | 11.3 | 1.0 | 299.7 | 313.3 | 4.9 | 94.1 | 6.4 | 70. |
| 10.7 | 36.2 | 3028.3 | 700.0 | -2.1 | -3.5 | 266.7 | 11.5 | 11.4 | 0.7 | 300.5 | 308.9 | 2.9 | 94.1 | 7.1 | 73. |
| 11.7 | 39.2 | 3317.5 | 675.0 | -2.2 | -12.4 | 274.7 | 14.6 | 14.6 | -1.2 | 303.5 | 310.1 | 2.2 | 46.0 | 7.9 | 80. |
| 12.7 | 41.9 | 3616.4 | 650.0 | -3.8 | -27.7 | 280.0 | 18.3 | 18.0 | -3.2 | 304.8 | 300.7 | 0.6 | 13.5 | 8.8 | 82. |
| 13.4 | 44.9 | 3924.6 | 625.0 | -6.0 | -26.5 | 281.7 | 19.7 | 19.2 | -4.0 | 305.6 | 307.9 | 0.7 | 18.0 | 10.0 | 84. |
| 14.9 | 48.0 | 4242.8 | 600.0 | -7.9 | -30.6 | 282.6 | 20.8 | 20.3 | -4.5 | 307.0 | 308.7 | 0.5 | 14.0 | 11.3 | 86. |
| 16.2 | 50.9 | 4571.7 | 575.0 | -10.4 | -32.6 | 278.9 | 22.1 | 21.9 | -3.1 | 307.8 | 309.2 | 0.4 | 14.2 | 13.0 | 88. |
| 17.3 | 54.0 | 4912.4 | 550.0 | -12.1 | 99.9 | 278.9 | 22.1 | 21.8 | -3.4 | 309.8 | 99.9 | 99.9 | 99.9 | 14.4 | 89. |
| 18.5 | 57.0 | 5266.9 | 525.0 | -14.0 | 99.9 | 279.2 | 25.4 | 25.1 | -4.1 | 311.6 | 99.9 | 99.9 | 99.9 | 16.0 | 90. |
| 19.6 | 60.3 | 5615.5 | 500.0 | -16.5 | 99.9 | 280.1 | 26.3 | 25.9 | -4.6 | 312.9 | 99.9 | 99.9 | 99.9 | 18.0 | 91. |
| 21.2 | 63.7 | 6019.2 | 475.0 | -19.5 | 99.9 | 280.4 | 27.3 | 26.8 | -4.9 | 313.8 | 99.9 | 99.9 | 99.9 | 20.1 | 92. |
| 22.5 | 67.0 | 6418.6 | 450.0 | -22.1 | 99.9 | 277.6 | 31.5 | 31.2 | -4.2 | 315.5 | 99.9 | 99.9 | 99.9 | 22.5 | 93. |
| 24.0 | 70.6 | 6836.9 | 425.0 | -24.8 | 99.9 | 272.0 | 29.5 | 29.5 | -1.0 | 317.2 | 99.9 | 99.9 | 99.9 | 25.4 | 93. |
| 25.7 | 74.3 | 7274.8 | 400.0 | -28.4 | 99.9 | 273.2 | 30.2 | 30.1 | -1.7 | 318.1 | 99.9 | 99.9 | 99.9 | 28.3 | 92. |
| 27.4 | 78.2 | 7734.2 | 375.0 | -32.4 | 99.9 | 280.7 | 25.6 | 25.2 | -4.9 | 318.8 | 99.9 | 99.9 | 99.9 | 31.2 | 93. |
| 29.2 | 82.1 | 8214.1 | 350.0 | -37.0 | 99.9 | 282.2 | 27.9 | 27.3 | -4.9 | 318.9 | 99.9 | 99.9 | 99.9 | 33.4 | 94. |
| 30.8 | 86.0 | 8723.9 | 325.0 | -40.9 | 99.9 | 280.2 | 33.1 | 32.6 | -5.9 | 320.3 | 99.9 | 99.9 | 99.9 | 36.7 | 95. |
| 32.9 | 90.6 | 9262.5 | 300.0 | -45.7 | 99.9 | 282.4 | 40.1 | 38.2 | -5.0 | 321.0 | 99.9 | 99.9 | 99.9 | 41.3 | 95. |
| 34.8 | 95.2 | 9935.7 | 275.0 | -50.6 | 99.9 | 285.7 | 48.1 | 46.3 | -13.0 | 322.0 | 99.9 | 99.9 | 99.9 | 46.3 | 96. |
| 36.8 | 100.0 | 10450.8 | 250.0 | -54.8 | 99.9 | 289.7 | 62.1 | 58.4 | -21.0 | 324.7 | 99.9 | 99.9 | 99.9 | 52.8 | 96. |
| 39.3 | 105.0 | 11211.1 | 225.0 | -57.6 | 99.9 | 295.0 | 69.9 | 63.4 | -29.6 | 330.3 | 99.9 | 99.9 | 99.9 | 62.1 | 100. |
| 41.7 | 110.6 | 11863.4 | 200.0 | -59.3 | 99.9 | 300.9 | 45.2 | 38.8 | -23.2 | 338.9 | 99.9 | 99.9 | 99.9 | 70.8 | 102. |
| 44.5 | 116.5 | 12690.8 | 175.0 | -64.1 | 99.9 | 277.4 | 33.3 | 33.0 | -13.0 | 344.2 | 99.9 | 99.9 | 99.9 | 76.5 | 103. |
| 47.9 | 123.3 | 13647.4 | 150.0 | -66.5 | 99.9 | 282.5 | 32.5 | 31.7 | -7.1 | 372.7 | 99.9 | 99.9 | 99.9 | 83.6 | 103. |
| 51.6 | 130.3 | 14811.9 | 125.0 | -55.5 | 99.9 | 290.5 | 18.0 | 16.9 | -6.3 | 394.5 | 99.9 | 99.9 | 99.9 | 91.2 | 103. |
| 56.4 | 138.0 | 16233.3 | 100.0 | -55.7 | 99.9 | 286.1 | 17.1 | 16.6 | -4.2 | 420.0 | 99.9 | 99.9 | 99.9 | 97.0 | 103. |
| 62.6 | 145.8 | 18050.6 | 75.0 | -58.5 | 99.9 | 316.5 | 12.2 | 7.4 | -4.9 | 450.4 | 99.9 | 99.9 | 99.9 | 101.7 | 104. |
| 70.8 | 154.5 | 23625.1 | 50.0 | -55.7 | 99.9 | 10.5 | 3.1 | -0.6 | -3.1 | 512.4 | 99.9 | 99.9 | 99.9 | 103.6 | 105. |
| 82.5 | 183.7 | 25087.9 | 25.0 | -51.2 | 99.9 | 49.1 | 3.7 | -2.8 | -2.4 | 637.8 | 99.9 | 99.9 | 99.9 | 104.9 | 106. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 520
PITTSBURGH, PA

24 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SFC | U COMP M/SEC | V CCNP M/SFC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.1 | 359.0 | 998.9 | 12.6 | 12.0 | 200.0 | 7.2 | 2.5 | 6.8 | 289.5 | 313.1 | 9.1 | 96.0 | 0.0 | 0. |
| 9.0 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 99.9 |
| 9.0 | 55.9 | 59.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 99.9 |
| 0.5 | 9.9 | 524.8 | 950.0 | 12.3 | 11.6 | 206.7 | 14.1 | 6.4 | 12.6 | 250.9 | 314.5 | 9.1 | 95.8 | 0.3 | 2.1 |
| 1.3 | 11.7 | 749.0 | 925.0 | 12.3 | 11.6 | 226.1 | 12.7 | 9.1 | 8.8 | 293.1 | 317.7 | 9.4 | 95.8 | 0.3 | 3.1 |
| 2.2 | 13.9 | 979.0 | 900.0 | 11.1 | 9.1 | 229.7 | 11.8 | 9.0 | 7.7 | 294.0 | 315.4 | 8.1 | 95.5 | 1.4 | 4.0 |
| 2.3 | 15.9 | 1214.3 | 875.0 | 10.2 | 8.8 | 225.1 | 15.4 | 10.9 | 10.8 | 295.5 | 317.3 | 8.2 | 90.7 | 2.0 | 4.2 |
| 3.8 | 18.3 | 1455.5 | 850.0 | 8.9 | 6.0 | 230.0 | 15.6 | 12.0 | 10.0 | 296.3 | 315.1 | 6.9 | 82.2 | 2.0 | 4.3 |
| 4.7 | 20.5 | 1703.1 | 825.0 | 8.6 | 5.9 | 238.2 | 19.7 | 16.8 | 10.4 | 298.6 | 317.9 | 7.1 | 83.1 | 3.4 | 4.6 |
| 5.6 | 22.6 | 1957.6 | 800.0 | 7.4 | 4.8 | 245.2 | 22.4 | 20.3 | 9.4 | 300.0 | 314.6 | 6.6 | 83.4 | 4.8 | 4.9 |
| 6.5 | 25.1 | 2214.8 | 775.0 | 5.8 | 4.2 | 254.7 | 24.6 | 23.8 | 6.5 | 300.9 | 319.4 | 6.7 | 85.2 | 6.1 | 5.4 |
| 7.4 | 27.3 | 2480.9 | 750.0 | 3.9 | 2.5 | 258.6 | 27.3 | 26.8 | 5.4 | 301.6 | 318.7 | 6.1 | 90.8 | 7.4 | 5.4 |
| 8.3 | 29.9 | 2763.2 | 725.0 | 2.0 | 0.9 | 262.5 | 28.6 | 28.4 | 3.7 | 302.4 | 319.3 | 5.7 | 92.2 | 8.9 | 6.2 |
| 9.2 | 32.3 | 3045.2 | 700.0 | 0.4 | -0.5 | 263.2 | 30.3 | 30.1 | 3.6 | 303.6 | 318.6 | 5.3 | 93.7 | 10.4 | 6.5 |
| 10.2 | 35.0 | 3336.5 | 675.0 | -1.4 | -2.4 | 259.9 | 32.5 | 32.0 | 5.7 | 304.6 | 318.2 | 4.4 | 90.7 | 12.2 | 6.4 |
| 11.2 | 37.4 | 3637.4 | 650.0 | -2.7 | -4.0 | 257.9 | 34.0 | 33.3 | 7.1 | 306.5 | 319.3 | 4.4 | 90.7 | 14.1 | 5.4 |
| 12.3 | 40.2 | 3947.6 | 625.0 | -4.8 | -5.9 | 255.0 | 36.0 | 33.0 | 8.5 | 307.5 | 319.0 | 3.9 | 91.6 | 16.1 | 7.0 |
| 13.1 | 42.8 | 4268.6 | 600.0 | -6.1 | -7.2 | 253.4 | 33.6 | 32.2 | 9.6 | 309.5 | 320.6 | 3.7 | 92.2 | 18.4 | 7.1 |
| 14.4 | 45.7 | 4600.8 | 575.0 | -8.1 | -9.2 | 250.8 | 32.1 | 30.1 | 11.1 | 310.9 | 320.8 | 3.3 | 91.9 | 20.6 | 7.1 |
| 15.5 | 48.6 | 4945.4 | 550.0 | -9.9 | -11.0 | 247.5 | 29.7 | 27.5 | 11.4 | 312.7 | 321.9 | 3.0 | 91.6 | 22.7 | 7.1 |
| 16.7 | 51.5 | 5303.7 | 525.0 | -11.3 | -12.7 | 248.8 | 27.2 | 25.4 | 9.8 | 315.2 | 323.6 | 2.7 | 88.9 | 24.7 | 7.0 |
| 17.8 | 54.6 | 5676.8 | 500.0 | -13.9 | -15.5 | 252.4 | 27.6 | 24.3 | 8.3 | 316.3 | 323.5 | 2.3 | 87.5 | 26.5 | 7.0 |
| 19.2 | 57.7 | 6055.0 | 475.0 | -16.4 | -18.2 | 255.0 | 29.0 | 24.0 | 7.5 | 317.8 | 323.9 | 1.9 | 86.1 | 28.7 | 7.1 |
| 20.3 | 61.0 | 6469.9 | 450.0 | -19.0 | -20.8 | 255.5 | 31.6 | 30.6 | 7.9 | 319.5 | 324.8 | 1.6 | 85.3 | 30.9 | 7.1 |
| 21.4 | 64.6 | 6893.7 | 425.0 | -21.9 | -23.4 | 257.0 | 28.9 | 24.2 | 6.5 | 321.0 | 325.5 | 1.4 | 87.6 | 33.1 | 7.1 |
| 23.0 | 67.9 | 7337.3 | 400.0 | -24.9 | -26.6 | 262.0 | 30.3 | 30.0 | 4.2 | 322.7 | 326.3 | 1.1 | 85.3 | 35.7 | 7.2 |
| 24.5 | 71.4 | 7803.2 | 375.0 | -24.7 | -30.8 | 269.1 | 29.7 | 28.7 | 0.5 | 323.6 | 326.3 | 0.8 | 82.0 | 38.3 | 7.3 |
| 25.9 | 75.3 | 8293.6 | 350.0 | -32.6 | -36.5 | 276.1 | 29.9 | 29.7 | -3.2 | 324.7 | 326.4 | 0.5 | 68.3 | 40.5 | 7.4 |
| 27.4 | 75.5 | 8810.7 | 325.0 | -37.2 | -41.9 | 277.3 | 31.1 | 30.9 | -3.9 | 325.3 | 326.4 | 0.3 | 61.4 | 43.0 | 7.5 |
| 29.7 | 83.5 | 9358.3 | 300.0 | -42.1 | -49.9 | 280.2 | 30.7 | 30.2 | -5.4 | 326.1 | 326.4 | 0.3 | 61.4 | 45.4 | 7.6 |
| 30.7 | 87.8 | 9940.9 | 275.0 | -46.9 | -54.6 | 280.4 | 34.9 | 34.3 | -6.3 | 327.3 | 327.9 | 0.3 | 61.4 | 47.9 | 7.7 |
| 32.5 | 92.6 | 10564.1 | 250.0 | -52.6 | -58.9 | 283.1 | 36.4 | 37.5 | -8.7 | 327.9 | 327.9 | 0.3 | 61.4 | 50.7 | 7.8 |
| 34.4 | 97.6 | 11215.0 | 225.0 | -54.6 | -59.9 | 283.6 | 36.8 | 35.7 | -8.6 | 328.7 | 327.9 | 0.3 | 61.4 | 53.6 | 7.9 |
| 36.7 | 103.3 | 11967.0 | 200.0 | -63.4 | -63.4 | 289.5 | 44.1 | 41.6 | -14.7 | 332.4 | 327.9 | 0.3 | 61.4 | 56.4 | 8.2 |
| 39.0 | 109.0 | 12745.0 | 175.0 | -61.2 | -61.2 | 293.5 | 44.3 | 41.4 | -13.7 | 339.0 | 327.9 | 0.3 | 61.4 | 59.3 | 8.3 |
| 42.0 | 115.5 | 13750.5 | 150.0 | -58.9 | -58.9 | 293.1 | 44.0 | 42.1 | -9.4 | 368.6 | 327.9 | 0.3 | 61.4 | 62.3 | 8.4 |
| 45.7 | 123.0 | 14808.5 | 125.0 | -59.6 | -59.9 | 291.0 | 31.7 | 31.7 | -0.6 | 387.1 | 327.9 | 0.3 | 61.4 | 65.3 | 8.5 |
| 49.4 | 131.0 | 16293.4 | 100.0 | -56.4 | -56.4 | 293.0 | 22.4 | 19.7 | -10.5 | 418.8 | 327.9 | 0.3 | 61.4 | 68.3 | 8.6 |
| 55.1 | 140.3 | 14088.1 | 75.0 | -57.8 | -57.8 | 307.5 | 13.6 | 10.8 | -8.3 | 451.8 | 327.9 | 0.3 | 61.4 | 71.3 | 8.7 |
| 61.7 | 150.0 | 20612.9 | 50.0 | -58.7 | -58.7 | 343.7 | 3.0 | 0.8 | -2.9 | 505.1 | 327.9 | 0.3 | 61.4 | 74.3 | 8.8 |
| 71.6 | 161.0 | 25021.7 | 25.0 | -52.5 | -52.5 | 38.7 | 3.1 | -1.9 | -2.4 | 633.9 | 327.9 | 0.3 | 61.4 | 77.3 | 8.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 528
BUFFALO, N. Y.24 APRIL 1975
1237 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | PH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.1 | 218.0 | 982.7 | 11.1 | 11.1 | 230.0 | 6.8 | 5.2 | 4.4 | 286.8 | 308.5 | 8.5 | 100.0 | 0.0 | 0. |
| 0.5 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 6.8 | 284.0 | 975.0 | 12.0 | 11.7 | 234.9 | 15.4 | 12.6 | 8.9 | 286.4 | 311.2 | 8.9 | 97.6 | 0.3 | 44. |
| 1.1 | 8.5 | 502.2 | 950.0 | 12.2 | 11.9 | 238.9 | 17.7 | 15.1 | 9.1 | 290.8 | 314.9 | 9.3 | 97.9 | 1.0 | 56. |
| 1.9 | 13.9 | 725.8 | 925.0 | 10.8 | 10.4 | 246.2 | 12.9 | 11.4 | 5.2 | 291.5 | 314.0 | 8.6 | 97.1 | 1.7 | 59. |
| 2.9 | 12.9 | 954.4 | 900.0 | 9.8 | 9.4 | 252.9 | 13.2 | 12.6 | 7.9 | 292.7 | 314.4 | 8.2 | 97.0 | 2.5 | 63. |
| 3.9 | 15.1 | 1168.4 | 875.0 | 8.6 | 7.0 | 260.1 | 14.3 | 14.1 | 2.5 | 293.7 | 312.9 | 7.2 | 89.2 | 3.3 | 56. |
| 4.9 | 17.3 | 1428.2 | 850.0 | 7.6 | 5.0 | 263.9 | 17.9 | 17.8 | 1.9 | 294.9 | 312.3 | 6.4 | 83.4 | 4.2 | 70. |
| 5.8 | 19.4 | 1674.2 | 825.0 | 6.4 | 3.2 | 260.6 | 15.8 | 15.6 | 2.6 | 296.1 | 312.1 | 5.9 | 80.0 | 5.1 | 72. |
| 7.0 | 21.5 | 1926.5 | 800.0 | 5.1 | 2.8 | 256.9 | 15.0 | 14.6 | 3.4 | 297.3 | 313.4 | 5.9 | 85.0 | 6.2 | 73. |
| 8.4 | 23.8 | 2185.1 | 775.0 | 2.9 | 1.3 | 253.7 | 15.4 | 14.7 | 4.3 | 297.7 | 312.7 | 5.4 | 89.0 | 7.4 | 74. |
| 9.6 | 26.3 | 2450.1 | 750.0 | 1.1 | -0.4 | 257.6 | 15.4 | 15.0 | 3.3 | 298.4 | 312.2 | 5.0 | 90.0 | 8.7 | 74. |
| 10.9 | 28.5 | 2722.8 | 725.0 | 0.1 | -1.1 | 249.8 | 17.9 | 16.8 | 6.2 | 300.2 | 313.9 | 4.9 | 91.7 | 9.9 | 74. |
| 12.3 | 31.0 | 3003.8 | 700.0 | -0.9 | -1.8 | 244.0 | 16.3 | 14.6 | 7.1 | 302.1 | 315.7 | 4.8 | 93.3 | 11.4 | 73. |
| 13.7 | 33.5 | 3293.8 | 675.0 | -2.6 | -3.5 | 245.8 | 17.9 | 16.8 | 6.2 | 303.3 | 315.9 | 4.4 | 93.2 | 12.7 | 72. |
| 15.1 | 36.3 | 3593.0 | 650.0 | -3.5 | -4.5 | 256.2 | 17.4 | 15.9 | 4.1 | 305.5 | 317.7 | 4.2 | 92.6 | 14.3 | 73. |
| 16.4 | 39.4 | 3902.9 | 625.0 | -4.4 | -5.7 | 251.0 | 15.2 | 14.4 | 4.9 | 308.0 | 319.7 | 4.0 | 90.6 | 15.5 | 73. |
| 17.7 | 41.4 | 4223.3 | 600.0 | -7.0 | -8.5 | 250.6 | 14.6 | 13.8 | 4.9 | 308.4 | 318.4 | 3.4 | 88.8 | 16.6 | 72. |
| 19.1 | 44.4 | 4554.6 | 575.0 | -9.0 | -10.8 | 251.8 | 15.7 | 14.9 | 4.9 | 309.8 | 318.6 | 2.9 | 86.8 | 17.9 | 72. |
| 20.5 | 47.4 | 4857.9 | 550.0 | -11.1 | -13.1 | 248.6 | 16.3 | 14.8 | 7.0 | 311.2 | 319.9 | 2.5 | 84.7 | 19.3 | 72. |
| 22.0 | 50.4 | 5254.1 | 525.0 | -13.4 | -15.7 | 244.4 | 17.3 | 15.6 | 7.5 | 312.6 | 319.2 | 2.1 | 82.7 | 20.8 | 71. |
| 23.5 | 53.5 | 5623.6 | 500.0 | -16.1 | -19.8 | 247.0 | 17.8 | 16.4 | 7.0 | 313.5 | 319.0 | 1.7 | 80.0 | 22.4 | 71. |
| 25.1 | 56.6 | 6008.3 | 475.0 | -17.7 | -21.7 | 240.6 | 18.6 | 17.3 | 6.8 | 315.0 | 319.5 | 1.4 | 77.1 | 24.1 | 71. |
| 26.7 | 60.3 | 6405.2 | 450.0 | -21.4 | -24.8 | 246.5 | 19.3 | 17.7 | 7.7 | 316.4 | 320.1 | 1.1 | 74.2 | 25.9 | 71. |
| 28.4 | 63.7 | 6828.1 | 425.0 | -24.8 | -28.4 | 252.8 | 22.8 | 21.8 | 6.7 | 317.3 | 320.0 | 0.8 | 69.0 | 27.8 | 70. |
| 30.0 | 67.3 | 7265.6 | 400.0 | -28.9 | -35.9 | 258.9 | 25.2 | 24.8 | 4.9 | 317.4 | 318.9 | 0.4 | 50.4 | 30.2 | 71. |
| 32.0 | 71.0 | 7724.2 | 375.0 | -32.0 | -40.2 | 271.0 | 26.3 | 25.3 | -0.5 | 318.2 | 320.3 | 0.3 | 43.3 | 33.7 | 72. |
| 33.7 | 75.3 | 8203.1 | 350.0 | -34.3 | -43.4 | 278.9 | 30.7 | 30.3 | -5.3 | 322.4 | 323.2 | 0.2 | 39.1 | 35.9 | 74. |
| 35.6 | 79.3 | 8725.8 | 325.0 | -36.8 | -46.2 | 278.9 | 44.8 | 44.2 | -6.9 | 325.9 | 326.6 | 0.2 | 36.6 | 40.2 | 77. |
| 37.5 | 83.8 | 9274.9 | 300.0 | -41.2 | -59.9 | 278.1 | 47.3 | 46.9 | -6.7 | 327.3 | 329.9 | 99.9 | 99.9 | 45.6 | 79. |
| 39.5 | 88.4 | 9859.6 | 275.0 | -46.3 | -65.9 | 280.4 | 42.9 | 42.2 | -7.8 | 328.2 | 329.9 | 99.9 | 99.9 | 50.4 | 41. |
| 41.5 | 93.8 | 10484.6 | 250.0 | -51.8 | -71.1 | 282.4 | 53.2 | 52.0 | -11.4 | 329.1 | 329.9 | 99.9 | 99.9 | 56.2 | 43. |
| 43.7 | 99.3 | 11159.5 | 225.0 | -57.1 | -79.9 | 286.0 | 58.9 | 55.9 | -10.4 | 330.9 | 329.9 | 99.9 | 99.9 | 63.1 | 85. |
| 46.2 | 105.0 | 11895.3 | 200.0 | -62.5 | -89.9 | 284.7 | 61.8 | 59.1 | -15.5 | 333.7 | 329.9 | 99.9 | 99.9 | 71.1 | 87. |
| 48.9 | 111.3 | 12713.9 | 175.0 | -62.6 | -90.9 | 283.9 | 43.8 | 42.5 | -10.5 | 340.7 | 329.9 | 99.9 | 99.9 | 78.9 | 70. |
| 52.0 | 118.0 | 13677.2 | 150.0 | -58.3 | -89.9 | 286.5 | 14.6 | 12.6 | 0.5 | 348.6 | 329.9 | 99.9 | 99.9 | 85.1 | 90. |
| 55.5 | 125.4 | 14823.6 | 125.0 | -58.5 | -90.9 | 276.0 | 32.6 | 32.4 | -3.4 | 352.7 | 329.9 | 99.9 | 99.9 | 90.0 | 90. |
| 59.5 | 133.7 | 16252.6 | 100.0 | -53.7 | -99.9 | 319.7 | 16.0 | 10.3 | -12.2 | 424.1 | 329.9 | 99.9 | 99.9 | 96.3 | 91. |
| 64.9 | 141.7 | 18086.5 | 75.0 | -57.5 | -90.9 | 308.3 | 5.7 | 4.5 | -3.6 | 452.3 | 329.9 | 99.9 | 99.9 | 100.2 | 93. |
| 72.2 | 150.0 | 20631.7 | 50.0 | -50.2 | -99.9 | 352.9 | 5.4 | 0.7 | -5.4 | 511.2 | 329.9 | 99.9 | 99.9 | 103.2 | 93. |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILL

24 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V CLMP M/SEC | POT T DG K | POT Y DG K | MR WTD CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|---------------|---------------|-----------------|-----------|-------------|-----------|
| 0.0 | 6.2 | 200.0 | 984.2 | 13.9 | 12.8 | 200.0 | 3.1 | 1.1 | 2.9 | 289.0 | 314.1 | 9.5 | 93.0 | 104 | 22.0 |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 59.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 0.2 | 6.9 | 279.5 | 975.0 | 14.0 | 13.2 | 238.6 | 13.5 | 11.5 | 7.0 | 290.6 | 316.0 | 9.6 | 94.5 | 0.2 | 31.0 |
| 0.8 | 5.2 | 455.4 | 950.0 | 14.2 | 13.2 | 237.0 | 12.9 | 10.9 | 6.9 | 293.0 | 319.3 | 10.1 | 93.5 | 0.3 | 31.0 |
| 1.3 | 11.3 | 725.1 | 925.0 | 13.9 | 12.6 | 242.4 | 5.3 | 4.7 | 2.4 | 294.8 | 321.1 | 10.0 | 91.8 | 0.9 | 5.0 |
| 2.5 | 12.6 | 950.6 | 900.0 | 13.5 | 10.8 | 251.4 | 4.4 | 4.1 | 1.4 | 296.0 | 320.9 | 9.1 | 84.1 | 1.1 | 5.0 |
| 3.1 | 15.8 | 1104.2 | 875.0 | 13.4 | 7.2 | 236.3 | 5.0 | 4.1 | 2.8 | 298.7 | 318.7 | 7.3 | 86.2 | 1.3 | 5.0 |
| 3.9 | 18.2 | 1438.1 | 850.0 | 12.4 | 4.4 | 211.9 | 4.2 | 2.2 | 3.6 | 300.0 | 317.0 | 6.2 | 58.0 | 1.5 | 5.0 |
| 4.7 | 20.6 | 1687.9 | 825.0 | 10.8 | 2.9 | 226.4 | 5.5 | 4.0 | 3.8 | 300.8 | 316.8 | 5.7 | 58.1 | 1.7 | 5.0 |
| 5.4 | 23.0 | 1943.0 | 800.0 | 9.2 | 0.7 | 254.0 | 6.7 | 6.5 | 1.9 | 301.7 | 315.9 | 5.0 | 55.1 | 1.9 | 5.0 |
| 6.0 | 25.3 | 2207.0 | 775.0 | 8.0 | -2.0 | 267.0 | 8.1 | 8.1 | 0.4 | 302.9 | 315.1 | 4.3 | 49.1 | 2.2 | 5.0 |
| 6.9 | 28.0 | 2476.9 | 750.0 | 6.3 | -2.3 | 279.8 | 6.6 | 6.7 | -1.2 | 304.0 | 316.4 | 4.3 | 54.0 | 2.5 | 5.0 |
| 7.6 | 30.7 | 2754.2 | 725.0 | 4.9 | -17.3 | 307.2 | 9.3 | 4.2 | -2.2 | 305.0 | 309.6 | 1.5 | 50.0 | 2.7 | 5.0 |
| 8.4 | 33.4 | 3039.2 | 700.0 | 3.0 | -27.9 | 334.4 | 6.4 | 3.0 | -6.2 | 305.9 | 307.7 | 0.5 | 8.1 | 2.9 | 7.0 |
| 9.3 | 36.3 | 3322.1 | 675.0 | 0.7 | -21.2 | 336.4 | 9.1 | 3.6 | -8.4 | 306.5 | 309.8 | 1.0 | 17.5 | 2.9 | 8.0 |
| 10.0 | 38.9 | 3633.8 | 650.0 | -1.7 | -22.4 | 339.9 | 9.2 | 4.5 | -8.0 | 307.2 | 310.2 | 1.0 | 18.7 | 3.0 | 9.0 |
| 10.7 | 41.5 | 3944.1 | 625.0 | -4.8 | -20.0 | 329.3 | 6.7 | 4.5 | -7.9 | 307.1 | 311.0 | 1.2 | 25.2 | 3.2 | 9.0 |
| 11.5 | 44.4 | 4263.6 | 600.0 | -7.8 | -17.7 | 332.8 | 9.1 | 4.2 | -6.1 | 307.3 | 312.2 | 1.6 | 45.1 | 3.4 | 10.0 |
| 12.2 | 47.5 | 4592.6 | 575.0 | -11.1 | -16.7 | 336.5 | 10.7 | 4.3 | -9.8 | 307.2 | 312.7 | 1.8 | 63.5 | 3.7 | 11.0 |
| 13.0 | 50.6 | 4932.4 | 550.0 | -13.5 | -16.1 | 336.5 | 12.1 | 4.8 | -11.1 | 308.3 | 314.3 | 2.0 | 80.6 | 4.1 | 11.0 |
| 13.9 | 52.8 | 5246.5 | 525.0 | -13.5 | -14.4 | 323.2 | 11.4 | 6.9 | -5.2 | 312.4 | 319.7 | 2.4 | 92.8 | 4.6 | 11.0 |
| 15.0 | 54.9 | 5657.5 | 500.0 | -14.7 | -15.7 | 285.3 | 13.7 | 13.2 | -5.6 | 315.4 | 324.5 | 2.3 | 91.9 | 5.3 | 11.0 |
| 16.1 | 60.4 | 6050.1 | 475.0 | -16.2 | -17.6 | 267.6 | 21.2 | 21.2 | 0.8 | 318.2 | 328.6 | 2.0 | 82.7 | 6.4 | 11.0 |
| 17.3 | 64.0 | 6450.4 | 450.0 | -18.6 | -20.5 | 255.4 | 25.1 | 24.4 | 6.2 | 320.0 | 325.3 | 1.6 | 84.0 | 7.9 | 12.0 |
| 18.4 | 67.6 | 6874.7 | 425.0 | -21.6 | -23.6 | 244.4 | 29.7 | 27.6 | 10.9 | 321.4 | 326.6 | 1.3 | 82.8 | 9.3 | 13.0 |
| 19.5 | 71.2 | 7319.8 | 400.0 | -24.6 | -27.5 | 246.0 | 34.8 | 32.3 | 13.1 | 323.1 | 326.4 | 1.0 | 77.0 | 11.3 | 14.0 |
| 20.8 | 75.2 | 7765.4 | 375.0 | -28.2 | -31.4 | 245.7 | 40.2 | 36.6 | 16.6 | 324.3 | 326.8 | 0.7 | 73.8 | 13.9 | 15.0 |
| 22.2 | 79.5 | 8276.3 | 350.0 | -32.5 | -35.6 | 245.0 | 41.5 | 37.6 | 17.6 | 324.9 | 326.7 | 0.5 | 73.6 | 17.2 | 15.0 |
| 23.6 | 84.7 | 8794.1 | 325.0 | -36.8 | -39.9 | 243.3 | 41.4 | 37.0 | 18.6 | 325.9 | 327.2 | 0.4 | 72.4 | 20.3 | 16.0 |
| 25.2 | 88.2 | 9342.1 | 300.0 | -42.0 | -44.0 | 240.0 | 41.4 | 35.9 | 20.7 | 326.2 | 327.9 | 0.4 | 99.9 | 24.1 | 17.0 |
| 26.8 | 92.2 | 9924.8 | 275.0 | -47.0 | -49.9 | 239.5 | 43.9 | 37.9 | 22.3 | 327.1 | 329.9 | 0.3 | 99.9 | 28.9 | 17.0 |
| 28.7 | 98.2 | 10548.5 | 250.0 | -52.6 | -54.9 | 238.5 | 44.7 | 38.1 | 23.4 | 327.9 | 329.9 | 0.3 | 99.9 | 32.9 | 17.0 |
| 30.4 | 103.6 | 11220.1 | 225.0 | -58.4 | -60.4 | 233.9 | 45.5 | 36.7 | 26.8 | 329.0 | 329.9 | 0.3 | 99.9 | 37.6 | 17.0 |
| 32.7 | 105.8 | 11948.5 | 200.0 | -65.4 | -67.4 | 230.7 | 46.1 | 35.7 | 29.2 | 329.2 | 329.9 | 0.3 | 99.9 | 43.5 | 17.0 |
| 35.0 | 116.0 | 12759.7 | 175.0 | -63.9 | -69.9 | 231.9 | 49.4 | 49.3 | 11.1 | 344.5 | 344.5 | 0.3 | 99.9 | 50.2 | 17.0 |
| 38.3 | 123.3 | 13711.6 | 150.0 | -60.3 | -69.9 | 231.9 | 49.4 | 49.3 | -1.6 | 366.2 | 366.2 | 0.3 | 99.9 | 60.4 | 17.0 |
| 42.5 | 131.0 | 14856.7 | 125.0 | -57.0 | -69.9 | 202.5 | 36.5 | 36.2 | 4.8 | 391.8 | 391.8 | 0.3 | 99.9 | 70.0 | 17.0 |
| 47.4 | 129.3 | 16267.9 | 100.0 | -57.5 | -69.9 | 253.6 | 28.3 | 27.1 | 8.0 | 416.7 | 416.7 | 0.3 | 99.9 | 78.6 | 17.0 |
| 53.3 | 148.0 | 19047.3 | 75.0 | -63.9 | -69.9 | 220.3 | 7.8 | 5.0 | 5.0 | 439.0 | 439.0 | 0.3 | 99.9 | 84.8 | 17.0 |
| 60.8 | 157.5 | 20566.4 | 50.0 | -59.7 | -69.9 | 163.7 | 1.3 | -0.4 | 1.2 | 502.8 | 502.8 | 0.3 | 99.9 | 85.7 | 17.0 |
| 71.7 | 167.5 | 24944.1 | 25.0 | -53.5 | -69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 631.2 | 631.2 | 0.3 | 99.9 | 99.9 | 99.9 |

0 BY SPEC MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 553
OMAHA, NEB24 APRIL 1975
1115 GMT

| TIME MIN | CATCT | WEIGHT GPM | PRES MB | TEMP DG C | CEM PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ LG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.5 | 400.0 | 961.6 | 11.1 | 9.5 | 50.0 | 4.2 | -3.2 | -2.7 | 288.5 | 308.7 | 7.8 | 90.0 | 0.0 | 0. |
| 00.0 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 99.9 |
| 0.4 | 6.5 | 501.8 | 950.0 | 11.6 | 10.3 | 60.6 | 12.9 | -11.9 | -5.1 | 290.0 | 311.6 | 8.3 | 91.9 | 0.3 | 221. |
| 1.2 | 10.6 | 725.0 | 925.0 | 10.5 | 9.3 | 65.9 | 8.9 | -0.7 | -3.7 | 291.1 | 312.1 | 8.0 | 92.0 | 0.7 | 236. |
| 2.0 | 12.8 | 554.3 | 900.0 | 11.6 | 10.6 | 150.7 | 1.8 | -0.7 | 1.6 | 294.7 | 316.4 | 9.0 | 93.5 | 0.3 | 247. |
| 2.9 | 15.2 | 1190.6 | 875.0 | 11.3 | 5.5 | 103.7 | 2.5 | 0.2 | 2.5 | 296.4 | 314.3 | 6.6 | 88.9 | 0.9 | 247. |
| 3.7 | 17.4 | 1437.7 | 850.0 | 12.1 | -9.9 | 62.4 | 1.5 | -1.3 | -0.7 | 299.1 | 305.5 | 2.2 | 20.7 | 0.9 | 25.1 |
| 4.6 | 19.8 | 1683.0 | 825.0 | 11.4 | -10.3 | 2.9 | 2.6 | -0.1 | -2.6 | 300.9 | 307.2 | 2.1 | 20.7 | 1.3 | 24.5 |
| 5.5 | 22.0 | 1939.1 | 800.0 | 10.1 | -15.1 | 346.3 | 1.2 | 0.3 | -1.2 | 302.1 | 306.6 | 1.5 | 15.3 | 1.0 | 24.1 |
| 6.5 | 24.6 | 2201.9 | 775.0 | 7.9 | -15.7 | 19.4 | 3.1 | -1.0 | -2.9 | 302.5 | 307.0 | 1.5 | 16.9 | 1.1 | 23.1 |
| 7.5 | 27.0 | 2471.1 | 750.0 | 0 | -12.1 | 0.6 | 4.8 | -0.1 | -4.8 | 303.3 | 309.3 | 2.0 | 25.4 | 1.3 | 22.1 |
| 8.4 | 29.6 | 2747.6 | 725.0 | 1.4 | -11.0 | 348.9 | 4.9 | 0.9 | -4.8 | 303.4 | 310.2 | 2.3 | 34.0 | 1.5 | 21.4 |
| 9.4 | 32.3 | 3030.9 | 700.0 | 0.8 | -9.8 | 349.2 | 4.4 | 0.8 | -4.3 | 303.7 | 311.4 | 2.6 | 44.9 | 1.6 | 21.0 |
| 10.4 | 35.1 | 3321.8 | 675.0 | -1.8 | -9.7 | 357.4 | 4.3 | 0.2 | -4.3 | 303.9 | 312.0 | 2.7 | 54.9 | 1.7 | 20.6 |
| 11.5 | 37.8 | 3620.7 | 650.0 | -4.3 | -10.5 | 328.2 | 3.9 | 2.0 | -3.3 | 304.4 | 312.2 | 2.6 | 61.7 | 2.1 | 20.4 |
| 12.6 | 40.6 | 3929.1 | 625.0 | -6.1 | -11.6 | 315.9 | 5.8 | 4.0 | -4.2 | 305.7 | 313.2 | 2.5 | 65.0 | 2.2 | 19.4 |
| 13.7 | 43.5 | 4247.7 | 600.0 | -8.0 | -14.0 | 323.7 | 7.2 | 4.3 | -5.8 | 307.1 | 313.7 | 2.2 | 61.7 | 2.5 | 19.1 |
| 14.8 | 46.6 | 4577.2 | 575.0 | -10.6 | -16.6 | 333.9 | 7.3 | 3.0 | -6.6 | 307.8 | 313.4 | 1.8 | 61.2 | 2.9 | 18.6 |
| 16.1 | 49.8 | 4917.7 | 550.0 | -13.0 | -19.1 | 333.9 | 5.7 | 2.5 | -5.1 | 306.8 | 313.5 | 1.5 | 60.2 | 3.4 | 17.7 |
| 17.3 | 52.9 | 5271.3 | 525.0 | -14.5 | -21.6 | 292.3 | 8.3 | 7.6 | -3.1 | 311.1 | 315.2 | 1.3 | 54.6 | 3.7 | 17.1 |
| 18.4 | 56.0 | 5639.7 | 500.0 | -16.5 | -25.1 | 283.6 | 11.7 | 11.4 | -2.8 | 312.9 | 316.2 | 1.0 | 47.4 | 4.1 | 16.1 |
| 19.3 | 59.4 | 6023.0 | 475.0 | -19.9 | -28.9 | 270.8 | 11.5 | 11.5 | -0.2 | 313.4 | 316.7 | 1.0 | 60.6 | 4.6 | 15.2 |
| 21.4 | 63.1 | 6422.7 | 450.0 | -22.3 | -32.3 | 256.9 | 16.2 | 15.8 | 3.7 | 315.3 | 318.0 | 0.8 | 58.1 | 5.1 | 13.1 |
| 22.9 | 66.6 | 6840.6 | 425.0 | -25.2 | -32.4 | 262.0 | 41.0 | 20.8 | 2.9 | 316.7 | 318.6 | 0.6 | 49.0 | 6.1 | 12.1 |
| 24.5 | 70.4 | 7277.7 | 400.0 | -28.9 | -38.5 | 258.9 | 25.5 | 25.0 | 4.0 | 317.4 | 318.6 | 0.3 | 38.8 | 7.1 | 11.1 |
| 26.1 | 74.3 | 7736.1 | 375.0 | -32.5 | -43.7 | 250.5 | 25.5 | 25.1 | 4.7 | 318.5 | 318.5 | 0.0 | 2.8 | 10.4 | 10.5 |
| 28.1 | 78.5 | 8217.9 | 350.0 | -36.5 | -47.5 | 250.5 | 26.5 | 25.9 | 5.4 | 319.4 | 319.4 | 0.0 | 1.0 | 12.4 | 9.1 |
| 29.8 | 82.5 | 8727.3 | 325.0 | -40.5 | -50.9 | 251.3 | 29.4 | 27.9 | 9.4 | 320.9 | 320.9 | 99.9 | 99.9 | 15.5 | 9.1 |
| 31.7 | 86.9 | 9267.1 | 300.0 | -45.3 | -54.9 | 252.7 | 30.7 | 28.3 | 9.1 | 321.5 | 321.5 | 99.9 | 99.9 | 18.8 | 9.1 |
| 33.9 | 91.6 | 9841.8 | 275.0 | -49.7 | -59.3 | 250.2 | 32.9 | 30.9 | 11.1 | 323.2 | 323.2 | 99.9 | 99.9 | 22.8 | 8.7 |
| 36.1 | 96.5 | 10458.7 | 250.0 | -54.2 | -64.9 | 240.3 | 31.6 | 27.5 | 15.7 | 325.5 | 325.5 | 99.9 | 99.9 | 27.0 | 8.1 |
| 38.4 | 101.6 | 11129.6 | 225.0 | -58.6 | -69.9 | 235.6 | 36.6 | 30.2 | 20.7 | 321.8 | 321.8 | 99.9 | 99.9 | 31.4 | 8.0 |
| 41.3 | 107.4 | 11870.8 | 200.0 | -59.8 | -74.9 | 230.0 | 40.1 | 34.3 | 20.6 | 328.0 | 328.0 | 99.9 | 99.9 | 36.8 | 7.5 |
| 44.4 | 113.3 | 12708.4 | 175.0 | -57.7 | -69.9 | 255.2 | 31.3 | 30.3 | 8.0 | 334.7 | 334.7 | 99.9 | 99.9 | 43.8 | 7.5 |
| 47.9 | 119.7 | 13687.0 | 150.0 | -57.2 | -69.9 | 255.8 | 32.7 | 31.7 | 6.0 | 371.6 | 371.6 | 99.9 | 99.9 | 53.8 | 7.5 |
| 51.5 | 126.3 | 14827.3 | 125.0 | -57.8 | -69.9 | 250.8 | 28.9 | 27.3 | 9.5 | 390.3 | 390.3 | 99.9 | 99.9 | 58.0 | 7.5 |
| 56.7 | 136.3 | 16248.8 | 100.0 | -55.5 | -69.9 | 224.5 | 22.4 | 22.3 | 2.2 | 420.6 | 420.6 | 99.9 | 99.9 | 67.0 | 7.5 |
| 60.7 | 141.7 | 18068.1 | 75.0 | -60.5 | -69.9 | 226.4 | 9.8 | 7.1 | 6.7 | 440.1 | 440.1 | 99.9 | 99.9 | 73.7 | 7.5 |
| 64.9 | 149.7 | 20623.2 | 50.0 | -54.4 | -69.9 | 100 | 3.0 | -0.1 | -3.0 | 515.5 | 515.5 | 99.9 | 99.9 | 76.2 | 7.4 |
| 68.7 | 158.7 | 23105.9 | 25.0 | -50.0 | -69.9 | 321.5 | 4.9 | 3.1 | -3.9 | 599.9 | 599.9 | 99.9 | 99.9 | 74.9 | 7.5 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 562
NORTH PLATTE, NEB
24 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | M R TO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 12.8 | 847.0 | 913.0 | 2.3 | 6.8 | 360.0 | 2.6 | 0.0 | -2.6 | 289.8 | 307.6 | 6.8 | 90.0 | 0.0 | 0. |
| 0.0 | 90.9 | 99.9 | 1030.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 93.0 |
| 0.0 | 90.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 93.0 |
| 0.0 | 90.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 93.0 |
| 0.0 | 90.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 93.0 |
| 0.5 | 13.9 | 966.6 | 900.0 | 10.2 | 8.9 | 322.9 | 3.5 | 2.1 | -2.8 | 293.1 | 314.1 | 6.0 | 91.5 | 0.1 | 14.0 |
| 1.2 | 16.0 | 1201.8 | 875.0 | 10.5 | 8.9 | 291.0 | 3.5 | 3.2 | -1.2 | 295.8 | 317.9 | 6.2 | 89.6 | 0.2 | 15.2 |
| 2.0 | 16.4 | 1443.8 | 850.0 | 10.4 | 4.6 | 218.0 | 2.4 | 1.5 | 1.9 | 297.9 | 315.1 | 6.3 | 67.2 | 0.3 | 12.0 |
| 2.9 | 20.7 | 1692.0 | 825.0 | 6.7 | 4.0 | 226.0 | 3.3 | 2.4 | 2.3 | 298.6 | 315.6 | 6.2 | 72.1 | 0.3 | 10.1 |
| 3.7 | 23.0 | 1945.9 | 800.0 | 6.9 | 3.6 | 266.8 | 5.3 | 5.3 | 0.3 | 299.3 | 316.5 | 6.2 | 79.3 | 0.5 | 8.0 |
| 4.7 | 25.4 | 2207.0 | 775.0 | 6.0 | 1.9 | 285.8 | 6.6 | 8.3 | -2.4 | 301.0 | 316.9 | 5.7 | 74.8 | 0.7 | 3.0 |
| 5.5 | 27.6 | 2475.5 | 750.0 | 4.7 | 0.1 | 292.1 | 7.8 | 7.2 | -2.9 | 302.3 | 316.8 | 5.1 | 72.0 | 1.4 | 9.0 |
| 6.3 | 30.4 | 2731.4 | 725.0 | 3.1 | -3.8 | 290.8 | 7.0 | 6.5 | -2.5 | 303.4 | 316.9 | 4.0 | 60.6 | 1.7 | 11.0 |
| 7.2 | 33.1 | 3034.6 | 700.0 | 0.4 | -6.2 | 285.5 | 5.3 | 4.8 | -2.3 | 303.4 | 313.4 | 3.4 | 61.9 | 2.0 | 13.0 |
| 8.2 | 35.7 | 3325.3 | 675.0 | -2.3 | -6.5 | 299.3 | 4.5 | 3.9 | -2.2 | 303.5 | 313.6 | 3.5 | 73.0 | 2.3 | 17.5 |
| 9.2 | 38.4 | 3623.6 | 650.0 | -5.1 | -6.3 | 289.0 | 3.4 | 3.3 | -1.1 | 302.7 | 314.3 | 3.7 | 90.7 | 2.5 | 17.0 |
| 10.2 | 41.1 | 3930.6 | 625.0 | -7.7 | -6.3 | 285.2 | 4.0 | 4.0 | 0.3 | 302.0 | 313.6 | 3.3 | 95.9 | 2.7 | 13.0 |
| 11.6 | 43.9 | 4247.4 | 600.0 | -9.6 | -10.6 | 260.2 | 6.8 | 6.7 | 1.2 | 305.3 | 313.7 | 2.8 | 92.6 | 2.9 | 10.0 |
| 12.4 | 46.9 | 4574.6 | 575.0 | -12.4 | -13.6 | 257.3 | 10.1 | 9.8 | 2.2 | 305.7 | 312.7 | 2.3 | 90.5 | 3.5 | 7.0 |
| 13.6 | 50.2 | 4912.6 | 550.0 | -15.2 | -16.7 | 257.4 | 11.7 | 11.4 | 2.6 | 306.2 | 312.0 | 1.9 | 88.1 | 4.3 | 5.0 |
| 14.4 | 52.9 | 5253.1 | 525.0 | -17.6 | -19.2 | 259.6 | 11.7 | 11.5 | 2.1 | 307.5 | 312.4 | 1.6 | 87.1 | 4.9 | 3.0 |
| 15.7 | 55.9 | 5624.6 | 500.0 | -20.8 | -22.2 | 258.0 | 12.1 | 11.8 | 2.5 | 307.8 | 311.9 | 1.3 | 86.4 | 5.7 | 3.0 |
| 16.9 | 58.1 | 6003.7 | 475.0 | -23.9 | -25.8 | 255.5 | 13.6 | 13.1 | 3.4 | 308.5 | 311.6 | 1.0 | 84.7 | 6.4 | 9.0 |
| 18.3 | 62.6 | 6397.0 | 450.0 | -26.6 | -28.7 | 251.5 | 15.1 | 14.3 | 4.8 | 311.0 | 311.7 | 0.2 | 19.0 | 7.8 | 7.0 |
| 19.7 | 65.5 | 6808.9 | 425.0 | -28.8 | -30.0 | 251.0 | 18.1 | 15.8 | 8.2 | 312.1 | 313.5 | 0.4 | 45.2 | 9.1 | 5.0 |
| 21.4 | 68.6 | 7243.1 | 400.0 | -31.9 | -36.4 | 233.7 | 19.5 | 15.7 | 13.5 | 313.5 | 314.9 | 0.4 | 63.9 | 10.5 | 7.0 |
| 22.9 | 72.2 | 7692.3 | 375.0 | -36.0 | -39.4 | 235.0 | 18.9 | 15.5 | 10.8 | 313.9 | 315.0 | 0.3 | 70.7 | 12.4 | 7.0 |
| 24.4 | 77.0 | 8197.8 | 350.0 | -39.4 | -43.8 | 231.5 | 22.5 | 17.6 | 14.0 | 315.4 | 316.4 | 0.2 | 62.4 | 14.1 | 7.0 |
| 25.2 | 81.3 | 8671.2 | 325.0 | -43.4 | -49.9 | 229.3 | 24.0 | 18.2 | 15.6 | 316.9 | 316.9 | 99.9 | 99.9 | 16.5 | 7.0 |
| 28.0 | 84.1 | 9205.2 | 300.0 | -47.9 | -53.1 | 230.6 | 24.5 | 18.9 | 15.6 | 317.9 | 317.9 | 99.9 | 99.9 | 19.0 | 5.0 |
| 30.0 | 86.5 | 9772.8 | 275.0 | -53.1 | -59.9 | 227.7 | 25.0 | 18.5 | 14.9 | 318.7 | 318.7 | 99.9 | 99.9 | 21.9 | 5.0 |
| 32.1 | 84.2 | 10240.0 | 250.0 | -57.5 | -66.9 | 229.4 | 24.2 | 18.4 | 15.7 | 320.6 | 319.9 | 99.9 | 99.9 | 24.8 | 2.0 |
| 34.3 | 86.0 | 11035.4 | 225.0 | -60.6 | -69.9 | 235.3 | 25.0 | 20.6 | 14.3 | 325.6 | 319.9 | 99.9 | 99.9 | 28.0 | 2.0 |
| 37.2 | 104.3 | 11772.0 | 200.0 | -57.6 | -69.9 | 239.4 | 23.5 | 20.3 | 11.8 | 341.5 | 319.9 | 99.9 | 99.9 | 32.5 | 2.0 |
| 40.9 | 110.2 | 12626.0 | 175.0 | -55.5 | -69.9 | 232.4 | 23.7 | 22.6 | 7.2 | 358.3 | 319.9 | 99.9 | 99.9 | 37.4 | 2.0 |
| 44.7 | 116.3 | 13601.9 | 150.0 | -54.3 | -69.9 | 244.6 | 22.0 | 19.9 | 9.4 | 369.6 | 319.9 | 99.9 | 99.9 | 42.1 | 2.0 |
| 48.2 | 123.3 | 14747.0 | 125.0 | -55.0 | -69.9 | 246.3 | 17.0 | 15.6 | 6.8 | 385.1 | 319.9 | 99.9 | 99.9 | 47.9 | 2.0 |
| 52.2 | 131.3 | 16106.9 | 100.0 | -55.8 | -69.9 | 256.8 | 18.6 | 16.1 | 4.2 | 419.9 | 319.9 | 99.9 | 99.9 | 55.3 | 2.0 |
| 55.2 | 139.3 | 17949.6 | 75.0 | -57.3 | -69.9 | 244.0 | 13.7 | 12.3 | 6.0 | 452.5 | 319.9 | 99.9 | 99.9 | 62.2 | 2.0 |
| 72.4 | 147.7 | 20542.6 | 50.0 | -52.0 | -69.9 | 248.4 | 6.8 | 6.8 | 0.2 | 521.0 | 319.9 | 99.9 | 99.9 | 67.5 | 2.0 |
| 88.4 | 156.7 | 25072.3 | 25.0 | -48.5 | -69.9 | 32.0 | 2.4 | -1.3 | -2.0 | 645.6 | 319.9 | 99.9 | 99.9 | 66.6 | 2.0 |

° FV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° EV TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF FOUR QUALITY

STATION NO. 606
PORTLAND, ME24 APRIL 1975
1115 GMT

157 32.0

| TIME MIN | CATCT | HEIGHT GEM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MR RTO GM/KG | SM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.0 | 20.0 | 1016.4 | 5.0 | 5.2 | 90.0 | 2.6 | -2.6 | 0.0 | 278.2 | 251.9 | 5.5 | 97.0 | 0.0 | 0. |
| 0.4 | 6.2 | 153.3 | 1000.0 | 5.3 | 4.0 | 148.7 | 14.5 | -7.5 | 12.4 | 279.1 | 262.1 | 5.1 | 91.2 | 0.2 | 273. |
| 0.8 | 6.6 | 367.0 | 975.0 | 4.1 | 1.0 | 154.9 | 15.3 | -6.5 | 13.8 | 279.9 | 260.8 | 4.2 | 80.1 | 0.7 | 314. |
| 2.1 | 10.8 | 576.9 | 950.0 | 3.0 | -0.6 | 162.6 | 15.1 | -4.5 | 14.4 | 280.7 | 250.8 | 3.9 | 77.2 | 1.5 | 377. |
| 3.1 | 12.3 | 787.2 | 925.0 | 3.9 | 3.6 | 999.0 | 99.9 | 99.9 | 99.9 | 284.0 | 298.0 | 5.4 | 98.0 | 99.9 | 99.9 |
| 4.0 | 15.6 | 1010.6 | 900.0 | 4.5 | 4.5 | 399.0 | 99.9 | 99.9 | 95.7 | 286.9 | 302.3 | 5.9 | 100.3 | 99.9 | 99.9 |
| 4.9 | 14.7 | 1240.4 | 875.0 | 4.5 | 4.5 | 999.0 | 99.9 | 99.9 | 99.9 | 289.2 | 305.2 | 6.1 | 100.3 | 99.9 | 99.9 |
| 5.9 | 20.5 | 1474.7 | 850.0 | 3.3 | 3.3 | 999.0 | 99.9 | 99.9 | 99.9 | 290.4 | 305.6 | 5.7 | 100.1 | 99.9 | 99.9 |
| 6.4 | 22.9 | 1714.4 | 825.0 | 1.4 | 1.4 | 999.0 | 99.9 | 99.9 | 99.9 | 290.7 | 305.6 | 5.1 | 99.8 | 99.9 | 99.9 |
| 7.3 | 25.5 | 1916.0 | 800.0 | 0.2 | 0.2 | 999.0 | 99.9 | 99.9 | 99.9 | 292.0 | 305.2 | 4.9 | 99.7 | 99.9 | 99.9 |
| 8.7 | 24.0 | 2227.7 | 775.0 | -0.3 | -0.3 | 999.0 | 99.9 | 99.9 | 99.9 | 294.1 | 307.3 | 4.6 | 100.3 | 99.9 | 99.9 |
| 10.2 | 30.9 | 2482.5 | 750.0 | -4.5 | -2.5 | 999.0 | 99.9 | 99.9 | 99.9 | 294.4 | 306.0 | 4.2 | 100.0 | 99.9 | 99.9 |
| 11.3 | 33.6 | 2751.2 | 725.0 | -3.8 | -3.4 | 999.0 | 99.9 | 99.9 | 99.9 | 295.8 | 305.9 | 4.0 | 100.3 | 99.9 | 99.9 |
| 13.0 | 36.1 | 3028.2 | 700.0 | -4.2 | -4.2 | 999.0 | 99.9 | 99.9 | 99.9 | 298.4 | 309.7 | 4.0 | 100.2 | 99.9 | 99.9 |
| 14.4 | 39.1 | 3314.6 | 675.0 | -5.2 | -5.3 | 999.0 | 99.9 | 99.9 | 99.9 | 300.3 | 311.2 | 3.8 | 99.8 | 99.9 | 99.9 |
| 15.9 | 41.9 | 3612.7 | 650.0 | -6.9 | -7.1 | 999.0 | 99.9 | 99.9 | 99.9 | 301.6 | 311.6 | 3.5 | 98.3 | 99.9 | 99.9 |
| 17.4 | 44.9 | 3910.4 | 625.0 | -8.4 | -8.4 | 226.3 | 23.2 | 16.8 | 16.1 | 303.2 | 312.4 | 3.2 | 97.3 | 14.7 | 12. |
| 19.1 | 47.0 | 4222.5 | 600.0 | -10.2 | -10.7 | 227.3 | 23.0 | 17.5 | 16.1 | 304.7 | 313.0 | 2.8 | 95.9 | 20.3 | 15. |
| 20.7 | 50.5 | 4559.9 | 575.0 | -11.6 | -12.6 | 228.5 | 22.7 | 17.0 | 15.1 | 306.4 | 314.0 | 2.5 | 94.3 | 22.1 | 14. |
| 22.3 | 53.7 | 4899.3 | 550.0 | -13.7 | -14.7 | 237.3 | 23.2 | 19.5 | 12.5 | 308.1 | 314.8 | 2.2 | 92.2 | 24.1 | 21. |
| 24.0 | 56.7 | 5251.5 | 525.0 | -16.0 | -17.2 | 241.7 | 22.8 | 20.0 | 10.8 | 309.4 | 315.2 | 1.9 | 90.4 | 25.9 | 25. |
| 25.4 | 60.0 | 5617.7 | 500.0 | -18.3 | -19.7 | 244.1 | 20.1 | 14.0 | 8.6 | 310.9 | 315.9 | 1.6 | 88.4 | 27.4 | 27. |
| 27.0 | 63.4 | 5909.6 | 475.0 | -20.7 | -22.4 | 254.2 | 16.1 | 15.8 | 3.3 | 312.5 | 316.7 | 1.3 | 85.7 | 28.7 | 29. |
| 28.8 | 66.8 | 6397.2 | 450.0 | -23.6 | -26.1 | 263.7 | 17.7 | 17.6 | 1.9 | 313.6 | 316.9 | 1.0 | 79.7 | 30.0 | 34. |
| 30.4 | 70.4 | 6812.6 | 425.0 | -26.9 | -29.6 | 270.4 | 17.8 | 17.8 | -0.1 | 314.6 | 317.2 | 0.8 | 77.0 | 31.0 | 35. |
| 32.4 | 74.1 | 7247.0 | 400.0 | -30.5 | -33.6 | 271.6 | 19.7 | 19.7 | -0.6 | 315.4 | 317.3 | 0.6 | 73.7 | 32.0 | 37. |
| 34.3 | 78.2 | 7702.6 | 375.0 | -34.1 | -37.6 | 267.4 | 23.4 | 23.4 | 1.0 | 316.4 | 317.8 | 0.4 | 70.2 | 33.6 | 41. |
| 36.3 | 82.0 | 8181.5 | 350.0 | -38.2 | -41.8 | 260.2 | 22.6 | 22.3 | 3.8 | 317.2 | 318.2 | 0.3 | 67.8 | 35.7 | 44. |
| 38.3 | 86.2 | 8647.6 | 325.0 | -42.6 | -45.9 | 257.7 | 23.1 | 22.6 | 4.9 | 317.7 | 319.2 | 0.9 | 69.9 | 37.3 | 47. |
| 40.1 | 90.6 | 9221.4 | 300.0 | -47.7 | -50.9 | 255.5 | 26.3 | 25.4 | 6.6 | 319.2 | 320.9 | 0.9 | 69.9 | 40.5 | 48. |
| 42.3 | 95.3 | 9790.6 | 275.0 | -52.3 | -55.9 | 264.6 | 30.0 | 29.9 | 2.8 | 319.5 | 320.9 | 0.9 | 69.9 | 43.7 | 51. |
| 44.3 | 100.2 | 10401.2 | 250.0 | -55.9 | -59.9 | 277.4 | 30.9 | 30.6 | -4.2 | 323.0 | 323.9 | 0.9 | 69.9 | 46.7 | 54. |
| 46.9 | 105.4 | 11045.7 | 225.0 | -59.2 | -62.9 | 291.4 | 37.1 | 33.9 | -14.9 | 327.8 | 327.9 | 0.9 | 69.9 | 49.6 | 55. |
| 50.1 | 111.0 | 11790.3 | 200.0 | -61.9 | -65.9 | 292.9 | 32.3 | 29.8 | -12.6 | 334.8 | 329.9 | 0.9 | 69.9 | 53.0 | 58. |
| 51.3 | 117.0 | 12633.9 | 175.0 | -58.7 | -62.9 | 289.5 | 29.9 | 28.2 | -10.6 | 334.8 | 329.9 | 0.9 | 69.9 | 58.0 | 59. |
| 57.5 | 124.0 | 1608.9 | 150.0 | -55.6 | -59.9 | 289.1 | 32.0 | 30.3 | -10.5 | 374.7 | 329.9 | 0.9 | 69.9 | 63.9 | 74. |
| 62.6 | 131.0 | 14770.6 | 125.0 | -52.6 | -56.9 | 292.9 | 22.5 | 20.7 | -6.7 | 399.8 | 329.9 | 0.9 | 69.9 | 69.9 | 74. |
| 69.7 | 138.8 | 16213.3 | 100.0 | -55.4 | -59.9 | 289.9 | 19.9 | 18.7 | -6.8 | 420.6 | 329.9 | 0.9 | 69.9 | 76.4 | 81. |
| 76.0 | 146.3 | 18034.3 | 75.0 | -56.4 | -59.9 | 313.5 | 13.3 | 9.6 | -9.2 | 454.6 | 329.9 | 0.9 | 69.9 | 83.2 | 84. |
| 83.6 | 154.3 | 20627.2 | 50.0 | -55.2 | -59.9 | 326.5 | 3.0 | 1.7 | -2.5 | 513.6 | 329.9 | 0.9 | 69.9 | 90.3 | 96. |
| 90.0 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

PT SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED
 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 637
PLINT, MICH
24 APRIL 1975
1115 GMT

| TIME MIN | CATCT | WEIGHT GEM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTO GM/KG | RM PCT | RANGE KM | AZ G |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|---------|
| 0.0 | 7.3 | 236.0 | 979.7 | 10.6 | 7.9 | 360.0 | 3.6 | 0.0 | -3.6 | 286.3 | 306.0 | 6.6 | 83.0 | 0.0 | 0.0 |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 6.5 | 276.1 | 1750.0 | 9.8 | 7.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.0 | 6.6 | 491.3 | 950.0 | 9.8 | 6.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.9 | 10.6 | 711.0 | 925.0 | 6.7 | 7.5 | 312.2 | 6.3 | 4.7 | -1.2 | 289.2 | 307.7 | 7.1 | 92.0 | 0.5 | 17.0 |
| 2.6 | 12.6 | 999.7 | 900.0 | 10.2 | 2.0 | 279.5 | 11.0 | 10.0 | -1.8 | 293.0 | 314.3 | 8.0 | 92.5 | 0.6 | 1.1 |
| 3.6 | 14.7 | 1174.2 | 875.0 | 9.1 | 7.9 | 276.2 | 13.1 | 13.0 | -1.4 | 294.2 | 314.7 | 7.7 | 92.0 | 1.3 | 12.0 |
| 4.6 | 16.7 | 1414.4 | 850.0 | 7.7 | 4.9 | 269.0 | 14.3 | 14.3 | 0.3 | 295.1 | 312.1 | 6.3 | 80.6 | 2.0 | 11.0 |
| 5.5 | 18.7 | 1650.3 | 825.0 | 6.8 | 2.4 | 269.0 | 14.3 | 14.3 | 0.3 | 295.1 | 312.1 | 6.3 | 80.6 | 2.0 | 11.0 |
| 6.5 | 21.0 | 1913.3 | 800.0 | 6.4 | 4.2 | 279.4 | 12.9 | 12.8 | -1.9 | 296.8 | 316.6 | 5.5 | 73.7 | 2.9 | 1.4 |
| 7.4 | 23.3 | 2173.3 | 775.0 | 4.4 | 2.6 | 276.2 | 11.0 | 11.0 | -1.7 | 296.8 | 316.6 | 5.5 | 85.8 | 3.0 | 1.0 |
| 8.6 | 25.6 | 2490.3 | 750.0 | 3.1 | -0.1 | 276.5 | 10.6 | 10.5 | -1.2 | 300.7 | 314.3 | 4.7 | 86.8 | 5.1 | 1.0 |
| 9.7 | 27.9 | 2714.4 | 725.0 | 1.2 | -1.7 | 273.4 | 10.1 | 10.1 | -0.6 | 301.4 | 314.6 | 4.7 | 86.8 | 5.7 | 1.0 |
| 10.6 | 30.3 | 2959.5 | 700.0 | 0.0 | -6.6 | 270.4 | 10.8 | 10.8 | -0.1 | 302.9 | 312.6 | 3.3 | 60.7 | 6.5 | 0.0 |
| 11.6 | 32.4 | 3207.2 | 675.0 | -1.4 | -8.0 | 268.5 | 9.5 | 9.5 | 0.2 | 304.4 | 313.6 | 3.1 | 60.9 | 7.1 | 0.0 |
| 13.0 | 35.3 | 3497.5 | 650.0 | -2.3 | -25.1 | 277.0 | 10.7 | 10.6 | -1.3 | 306.6 | 310.6 | 1.3 | 26.4 | 7.9 | 0.0 |
| 14.2 | 37.8 | 3897.9 | 625.0 | -4.0 | -52.5 | 265.4 | 11.3 | 10.9 | -1.0 | 307.9 | 308.0 | 0.0 | 1.0 | 8.6 | 0.0 |
| 15.4 | 40.4 | 4218.5 | 600.0 | -6.3 | -53.9 | 269.7 | 12.0 | 11.3 | -4.0 | 308.8 | 308.9 | 0.0 | 1.0 | 9.4 | 0.0 |
| 16.7 | 43.3 | 4549.4 | 575.0 | -9.0 | -55.6 | 268.0 | 12.7 | 12.1 | -3.9 | 309.4 | 309.5 | 0.0 | 1.0 | 10.4 | 0.0 |
| 19.1 | 45.5 | 4891.6 | 550.0 | -11.5 | -57.2 | 267.7 | 14.5 | 14.0 | -3.4 | 310.4 | 310.5 | 0.0 | 1.0 | 11.4 | 0.0 |
| 19.4 | 48.4 | 5246.6 | 525.0 | -14.0 | -58.4 | 278.2 | 14.5 | 14.5 | -2.1 | 311.5 | 311.6 | 0.0 | 1.0 | 12.5 | 0.0 |
| 20.7 | 51.5 | 5615.2 | 500.0 | -16.1 | -60.1 | 265.4 | 15.7 | 15.1 | -4.2 | 313.4 | 313.5 | 0.0 | 1.0 | 13.7 | 0.0 |
| 22.0 | 54.6 | 6003.0 | 475.0 | -18.2 | -61.5 | 261.0 | 18.4 | 17.0 | -6.8 | 315.4 | 315.5 | 0.0 | 1.0 | 15.1 | 0.0 |
| 23.5 | 57.5 | 6401.7 | 450.0 | -21.0 | -63.3 | 265.2 | 21.9 | 20.6 | -7.2 | 316.7 | 316.9 | 0.0 | 1.0 | 16.9 | 0.0 |
| 25.0 | 60.9 | 6824.9 | 425.0 | -24.2 | -65.4 | 262.3 | 25.5 | 24.9 | -5.4 | 317.9 | 317.9 | 0.0 | 1.0 | 18.0 | 0.0 |
| 26.6 | 64.4 | 7260.2 | 400.0 | -27.5 | -67.5 | 260.6 | 27.3 | 26.0 | -4.7 | 319.2 | 319.3 | 0.0 | 1.0 | 21.9 | 0.0 |
| 28.3 | 67.4 | 7724.5 | 375.0 | -29.9 | -69.1 | 278.6 | 31.3 | 31.0 | -5.0 | 323.9 | 323.9 | 0.0 | 1.0 | 24.9 | 0.0 |
| 31.2 | 71.3 | 8210.5 | 350.0 | -33.1 | -71.3 | 264.5 | 35.5 | 34.3 | -5.0 | 323.9 | 323.9 | 0.0 | 1.0 | 24.9 | 0.0 |
| 32.1 | 74.3 | 8724.4 | 325.0 | -37.5 | -73.5 | 260.0 | 40.1 | 39.5 | -7.0 | 327.0 | 327.0 | 0.0 | 1.0 | 32.2 | 0.0 |
| 33.9 | 76.3 | 9274.9 | 300.0 | -41.4 | -69.3 | 270.2 | 41.3 | 41.3 | -0.2 | 327.0 | 327.0 | 0.0 | 1.0 | 32.2 | 0.0 |
| 36.0 | 83.6 | 9955.3 | 275.0 | -44.5 | 99.9 | 267.4 | 51.3 | 51.3 | 2.0 | 327.9 | 327.9 | 0.0 | 99.9 | 42.4 | 0.0 |
| 39.3 | 88.9 | 10484.9 | 250.0 | -51.4 | 99.9 | 265.4 | 53.3 | 53.1 | 5.2 | 329.6 | 329.6 | 0.0 | 99.9 | 42.4 | 0.0 |
| 40.9 | 93.2 | 11160.0 | 225.0 | -57.5 | 99.9 | 265.1 | 46.4 | 46.3 | 3.8 | 330.4 | 330.4 | 0.0 | 99.9 | 57.7 | 0.0 |
| 43.5 | 96.4 | 11842.0 | 200.0 | -63.2 | 99.9 | 272.2 | 54.7 | 54.6 | -2.1 | 332.7 | 332.7 | 0.0 | 99.9 | 64.9 | 0.0 |
| 46.1 | 104.3 | 12711.8 | 175.0 | -64.0 | 99.9 | 282.3 | 43.0 | 42.9 | -9.1 | 344.3 | 344.3 | 0.0 | 99.9 | 77.1 | 0.0 |
| 49.6 | 110.8 | 13679.5 | 150.0 | -57.7 | 99.9 | 281.5 | 28.6 | 28.6 | -5.8 | 370.7 | 370.7 | 0.0 | 99.9 | 87.0 | 0.0 |
| 53.3 | 118.0 | 14634.1 | 125.0 | -56.7 | 99.9 | 268.4 | 30.0 | 30.0 | 0.6 | 392.3 | 392.3 | 0.0 | 99.9 | 86.4 | 0.0 |
| 57.9 | 126.7 | 16256.7 | 100.0 | -56.8 | 99.9 | 276.7 | 23.2 | 23.2 | -0.3 | 418.0 | 418.0 | 0.0 | 99.9 | 94.2 | 0.0 |
| 64.1 | 137.0 | 18077.4 | 75.0 | -56.6 | 99.9 | 26.6 | 6.1 | 0.4 | -0.1 | 422.2 | 422.2 | 0.0 | 99.9 | 101.5 | 0.0 |
| 71.8 | 149.5 | 20434.1 | 50.0 | -55.9 | 99.9 | 320.4 | 5.0 | 3.3 | -4.0 | 511.6 | 511.6 | 0.0 | 99.9 | 105.9 | 0.0 |
| 83.2 | 161.4 | 25093.4 | 25.0 | -51.6 | 99.9 | 286.5 | 4.7 | 4.4 | -1.3 | 636.6 | 636.6 | 0.0 | 99.9 | 106.1 | 0.0 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN A AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 645
GREEN BAY, WIS

2 APRIL 1975
115 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DI K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.5 | 210.0 | 985.4 | 4.4 | 3.4 | 40.0 | 6.2 | -4.0 | -4.7 | 279.4 | 292.0 | 5.0 | 93.0 | 0.9 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 9.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 8.4 | 204.6 | 975.0 | 4.3 | 3.4 | 28.6 | 10.4 | -4.4 | -4.4 | 280.1 | 293.0 | 5.0 | 94.0 | 0.2 | 219. |
| 1.2 | 10.5 | 507.7 | 950.0 | 2.6 | 2.2 | 30.1 | 8.5 | -4.3 | -7.4 | 280.4 | 293.6 | 4.7 | 96.9 | 0.5 | 210. |
| 2.0 | 12.6 | 723.0 | 925.0 | 1.1 | 0.9 | 37.4 | 6.9 | -4.2 | -5.5 | 281.0 | 294.4 | 4.4 | 98.1 | 0.7 | 212. |
| 2.9 | 15.2 | 943.2 | 900.0 | 0.0 | -0.2 | 39.8 | 6.1 | -3.9 | -4.7 | 282.1 | 293.1 | 4.2 | 98.4 | 1.2 | 215. |
| 3.9 | 17.4 | 1170.1 | 875.0 | 1.5 | 1.3 | 17.7 | 6.2 | -1.9 | -5.9 | 283.9 | 293.6 | 4.8 | 98.5 | 1.6 | 213. |
| 4.9 | 19.9 | 1404.4 | 850.0 | 3.5 | -4.0 | 22.8 | 5.0 | -1.9 | -4.6 | 290.3 | 293.9 | 3.3 | 50.0 | 2.2 | 208. |
| 5.9 | 22.2 | 1647.5 | 825.0 | 4.5 | -5.0 | 35.4 | 5.0 | 0.5 | -5.0 | 293.7 | 302.6 | 3.2 | 50.0 | 2.2 | 208. |
| 6.9 | 24.8 | 1897.8 | 800.0 | 3.6 | -6.3 | 34.7 | 6.3 | 1.2 | -6.2 | 295.4 | 303.9 | 3.0 | 48.2 | 2.5 | 203. |
| 7.9 | 27.2 | 2155.5 | 775.0 | 3.1 | -5.2 | 32.0 | 5.6 | 3.6 | -4.1 | 297.6 | 307.1 | 3.3 | 54.1 | 2.7 | 194. |
| 8.9 | 29.8 | 2420.5 | 750.0 | 1.3 | -6.1 | 31.4 | 8.2 | 6.1 | -5.4 | 298.4 | 307.7 | 3.3 | 58.0 | 2.9 | 191. |
| 9.9 | 32.5 | 2697.6 | 725.0 | 1.7 | -37.0 | 26.9 | 10.3 | 8.9 | -5.1 | 301.3 | 302.5 | 0.4 | 6.3 | 3.2 | 191. |
| 11.1 | 33 | 2975.1 | 700.0 | -0.4 | -30.9 | 28.4 | 9.7 | 9.1 | -3.2 | 302.1 | 303.4 | 0.4 | 7.9 | 3.5 | 170. |
| 12.1 | 37.9 | 3265.0 | 675.0 | -0.5 | -38.3 | 29.4 | 9.9 | 7.0 | -4.1 | 304.0 | 304.7 | 0.2 | 4.0 | 3.9 | 162. |
| 13.4 | 40.5 | 3524.5 | 650.0 | -3.2 | -38.6 | 29.8 | 11.4 | 10.4 | -4.8 | 306.3 | 306.1 | 0.2 | 4.6 | 4.5 | 155. |
| 14.5 | 43.4 | 3772.5 | 625.0 | -5.2 | -39.4 | 293.7 | 11.1 | 10.1 | -4.4 | 306.5 | 307.2 | 0.2 | 4.8 | 5.1 | 149. |
| 15.7 | 45.3 | 4192.4 | 600.0 | -8.0 | -36.7 | 293.3 | 10.9 | 10.0 | -4.3 | 306.9 | 307.8 | 0.3 | 7.8 | 5.8 | 144. |
| 16.9 | 46.4 | 4521.2 | 575.0 | -10.8 | -34.8 | 288.5 | 12.5 | 11.9 | -4.0 | 307.3 | 308.5 | 0.3 | 11.8 | 6.5 | 140. |
| 18.2 | 52.3 | 4861.2 | 550.0 | -13.3 | -47.2 | 289.8 | 13.0 | 17.3 | -4.4 | 308.2 | 308.6 | 0.1 | 4.2 | 7.3 | 137. |
| 19.5 | 55.4 | 5214.0 | 525. | -15.6 | -55.5 | 285.0 | 13.2 | 15.8 | -3.4 | 309.6 | 309.8 | 0.0 | 1.7 | 8.2 | 133. |
| 20.8 | 58.5 | 5590.5 | 500.0 | -17.6 | -55.8 | 280.9 | 14.7 | 14.4 | -2.8 | 311.6 | 311.7 | 0.0 | 2.0 | 9.1 | 137. |
| 22.1 | 61.9 | 5963.0 | 475.0 | -19.6 | -56.3 | 279.7 | 17.5 | 17.2 | -3.0 | 313.7 | 313.8 | 0.0 | 2.2 | 10.3 | 126. |
| 23.8 | 65.3 | 6362.8 | 450.0 | -22.3 | -57.2 | 281.0 | 19.9 | 17.5 | -3.8 | 315.2 | 315.3 | 0.0 | 2.5 | 11.9 | 122. |
| 25.4 | 69.7 | 6779.7 | 425.0 | -25.8 | -59.5 | 281.6 | 22.7 | 22.2 | -4.5 | 315.8 | 316.0 | 0.0 | 2.9 | 13.9 | 114. |
| 27.0 | 72.3 | 7215.1 | 400.0 | -28.5 | -59.7 | 281.0 | 21.9 | 21.5 | -4.2 | 317.8 | 317.9 | 0.0 | 3.2 | 16.0 | 117. |
| 28.6 | 76.2 | 7675.1 | 375.0 | -31.9 | -61.2 | 274.5 | 26.2 | 25.9 | -3.9 | 319.3 | 319.4 | 0.0 | 3.6 | 18.1 | 115. |
| 30.3 | 80.1 | 8159.1 | 350.0 | -35.5 | -63.1 | 283.5 | 32.4 | 31.5 | -7.2 | 322.4 | 320.8 | 0.0 | 4.0 | 21.1 | 111. |
| 32.2 | 84.2 | 8773.5 | 325.0 | -39.4 | -69.9 | 260.5 | 39.6 | 36.9 | -7.2 | 322.4 | 322.4 | 99.9 | 99.9 | 25.1 | 111. |
| 34.0 | 88.4 | 9213.7 | 300.0 | -43.8 | 99.9 | 268.0 | 43.2 | 43.2 | 1.5 | 323.6 | 323.6 | 99.9 | 99.9 | 29.5 | 104. |
| 36.0 | 93.2 | 9793.9 | 275.0 | -47.5 | 99.9 | 257.2 | 50.0 | 48.8 | 11.1 | 326.4 | 326.4 | 99.9 | 99.9 | 34.8 | 103. |
| 39.2 | 97.8 | 10417.7 | 250.0 | -52.0 | 99.9 | 252.5 | 54.5 | 52.0 | 16.4 | 328.8 | 328.8 | 99.9 | 99.9 | 41.0 | 100. |
| 40.9 | 103.0 | 11092.1 | 225.0 | -57.0 | 99.9 | 251.6 | 56.3 | 53.4 | 17.8 | 331.2 | 331.2 | 99.9 | 99.9 | 48.7 | 95. |
| 43.2 | 108.9 | 11831.0 | 200.0 | -62.0 | 99.9 | 264.3 | 49.6 | 49.4 | 4.9 | 334.6 | 334.6 | 99.9 | 99.9 | 56.4 | 92. |
| 46.2 | 115.0 | 12652.8 | 175.0 | -60.6 | 99.9 | 269.7 | 41.2 | 41.2 | 0.2 | 349.8 | 349.8 | 99.9 | 99.9 | 64.2 | 92. |
| 49.9 | 121.7 | 13622.4 | 150.0 | -55.8 | 99.9 | 272.5 | 34.0 | 33.9 | -1.5 | 374.0 | 374.0 | 99.9 | 99.9 | 71.9 | 92. |
| 54.1 | 129.3 | 14792.4 | 125.0 | -54.4 | 99.9 | 264.1 | 25.6 | 25.5 | 2.6 | 396.6 | 396.6 | 99.9 | 99.9 | 78.2 | 92. |
| 58.9 | 137.3 | 15226.5 | 100.0 | -54.9 | 99.9 | 259.1 | 25.3 | 24.8 | 4.8 | 421.7 | 421.7 | 99.9 | 99.9 | 85.6 | 91. |
| 65.2 | 145.7 | 19065.3 | 75.0 | -57.6 | 99.9 | 273.5 | 25.5 | 25.5 | -1.6 | 452.3 | 452.3 | 99.9 | 99.9 | 95.9 | 91. |
| 73.7 | 155.0 | 20635.6 | 50.0 | -55.1 | 99.9 | 291.6 | 9.7 | 9.0 | -3.6 | 513.1 | 513.1 | 99.9 | 99.9 | 101.2 | 91. |
| 86.4 | 164.3 | 25112.2 | 25.0 | -50.9 | 99.9 | 340 | 3.9 | -0.2 | -3.6 | 638.9 | 638.9 | 99.9 | 99.9 | 101.7 | 91. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 654
MURON. S D26 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.9 | 302.0 | 964.8 | 6.7 | 5.0 | 360.0 | 0.0 | 0.0 | 0.0 | 283.5 | 288.2 | 5.7 | 89.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 10.9 | 515.4 | 950.0 | 7.2 | 6.2 | 112.5 | 8.8 | -8.2 | 3.4 | 285.3 | 301.5 | 6.3 | 93.4 | 0.1 | 288. |
| 1.0 | 13.3 | 730.1 | 925.0 | 7.2 | 5.1 | 117.6 | 7.0 | -6.2 | 3.4 | 287.4 | 303.1 | 6.0 | 86.5 | 0.4 | 292. |
| 1.7 | 1.6 | 564.4 | 900.0 | 5.6 | 4.3 | 111.1 | 4.3 | -4.0 | 1.6 | 288.0 | 303.7 | 5.8 | 91.2 | 0.6 | 295. |
| 2.4 | 18.9 | 1194.1 | 875.0 | 3.4 | 3.2 | 111.2 | 2.7 | -2.5 | 1.0 | 289.1 | 302.7 | 5.5 | 98.4 | 0.7 | 273. |
| 3.2 | 20.5 | 1429.6 | 850.0 | 3.0 | 3.6 | 272.1 | 5.0 | 5.0 | -0.2 | 290.9 | 306.6 | 5.9 | 98.5 | 0.8 | 294. |
| 4.0 | 22.9 | 1674.3 | 825.0 | 8.7 | -1.3 | 267.5 | 12.5 | 12.5 | 0.5 | 298.3 | 310.2 | 4.2 | 49.7 | 0.4 | 325. |
| 4.8 | 25.5 | 1928.7 | 800.0 | 7.5 | -2.1 | 265.3 | 11.1 | 11.1 | 0.9 | 299.7 | 311.3 | 4.1 | 50.7 | 0.5 | 40. |
| 5.7 | 28.0 | 2189.2 | 775.0 | 5.5 | -3.1 | 255.5 | 8.9 | 8.6 | 2.2 | 303.2 | 311.3 | 3.9 | 54.0 | 1.0 | 65. |
| 6.5 | 30.7 | 2456.8 | 750.0 | 4.2 | -3.9 | 255.1 | 8.3 | 8.0 | 2.1 | 301.6 | 312.6 | 3.8 | 55.4 | 1.4 | 68. |
| 7.4 | 33.4 | 2731.6 | 725.0 | 1.7 | -5.5 | 258.4 | 7.8 | 7.6 | 1.6 | 301.8 | 311.9 | 3.5 | 58.9 | 1.9 | 69. |
| 8.3 | 36.0 | 3013.3 | 700.0 | -0.4 | -8.3 | 268.0 | 8.1 | 8.1 | 0.3 | 302.4 | 310.9 | 2.9 | 55.2 | 2.2 | 71. |
| 9.2 | 38.9 | 3303.2 | 675.0 | -2.5 | -11.6 | 276.7 | 9.7 | 9.6 | -1.1 | 303.1 | 310.0 | 2.3 | 49.8 | 2.7 | 76. |
| 10.1 | 41.6 | 3601.2 | 650.0 | -5.3 | -13.0 | 280.6 | 10.5 | 10.3 | -1.9 | 303.2 | 309.3 | 2.1 | 52.2 | 3.2 | 79. |
| 11.0 | 44.5 | 3907.8 | 625.0 | -8.0 | -14.1 | 284.1 | 11.2 | 10.9 | -2.7 | 303.9 | 309.7 | 2.1 | 61.6 | 3.9 | 83. |
| 12.0 | 47.5 | 4223.6 | 600.0 | -10.8 | -15.7 | 285.7 | 10.7 | 10.3 | -2.8 | 303.9 | 309.5 | 1.9 | 67.0 | 4.4 | 86. |
| 12.9 | 50.5 | 4549.5 | 575.0 | -12.9 | -17.4 | 278.5 | 11.6 | 11.5 | -1.7 | 305.0 | 307.9 | 0.9 | 38.0 | 4.9 | 89. |
| 13.9 | 53.5 | 4887.0 | 550.0 | -15.5 | -18.6 | 272.5 | 13.3 | 13.3 | -0.6 | 305.8 | 310.8 | 1.6 | 79.3 | 5.7 | 95. |
| 15.0 | 56.5 | 5237.0 | 525.0 | -17.0 | -19.4 | 267.3 | 13.5 | 13.5 | 0.6 | 307.4 | 312.3 | 1.6 | 85.8 | 6.6 | 89. |
| 16.1 | 59.8 | 5600.4 | 500.0 | -20.2 | -26.1 | 262.5 | 11.6 | 11.5 | 1.5 | 306.4 | 311.3 | 0.9 | 59.5 | 7.4 | 89. |
| 17.3 | 63.1 | 5978.6 | 475.0 | -22.9 | -32.1 | 263.0 | 10.8 | 10.7 | 1.3 | 305.7 | 311.5 | 0.5 | 42.4 | 8.2 | 84. |
| 18.5 | 66.5 | 6372.4 | 450.0 | -26.4 | -34.2 | 263.1 | 11.7 | 11.6 | 1.4 | 310.1 | 311.6 | 0.5 | 47.5 | 9.0 | 88. |
| 19.8 | 70.1 | 6753.0 | 425.0 | -28.0 | -38.2 | 261.6 | 14.9 | 14.7 | 2.2 | 315.1 | 313.2 | 0.3 | 39.9 | 10.0 | 87. |
| 21.1 | 73.6 | 7213.7 | 400.0 | -32.3 | -50.3 | 256.0 | 18.9 | 16.4 | 4.6 | 312.9 | 313.3 | 0.1 | 14.8 | 11.3 | 86. |
| 22.5 | 77.5 | 7666.2 | 375.0 | -35.2 | -58.2 | 246.9 | 22.8 | 21.0 | 8.9 | 315.0 | 315.1 | 0.0 | 8.6 | 12.9 | 84. |
| 24.1 | 81.3 | 8123.6 | 350.0 | -38.7 | -69.9 | 240.5 | 25.7 | 22.4 | 12.6 | 316.6 | 999.9 | 99.9 | 999.9 | 15.2 | 81. |
| 25.9 | 85.4 | 8648.0 | 325.0 | -42.9 | -79.2 | 242.6 | 27.0 | 23.9 | 12.4 | 317.6 | 999.9 | 99.9 | 999.9 | 17.9 | 78. |
| 27.7 | 89.7 | 9181.6 | 300.0 | -47.8 | -99.9 | 242.2 | 25.5 | 22.5 | 11.9 | 317.6 | 999.9 | 99.9 | 999.9 | 20.6 | 76. |
| 29.9 | 94.3 | 9750.7 | 275.0 | -51.5 | -99.9 | 245.1 | 26.4 | 24.0 | 11.1 | 320.6 | 999.9 | 99.9 | 999.9 | 24.0 | 74. |
| 32.2 | 99.0 | 10364.8 | 250.0 | -54.5 | -99.9 | 243.1 | 28.0 | 25.0 | 12.7 | 325.1 | 999.9 | 99.9 | 999.9 | 27.8 | 73. |
| 34.8 | 104.0 | 11032.3 | 225.0 | -59.0 | -99.9 | 230.1 | 31.8 | 24.4 | 20.4 | 328.1 | 999.9 | 99.9 | 999.9 | 32.1 | 71. |
| 37.6 | 109.5 | 11775.2 | 200.0 | -56.4 | -99.9 | 249.7 | 30.8 | 28.9 | 10.7 | 343.4 | 999.9 | 99.9 | 999.9 | 37.6 | 69. |
| 40.7 | 115.2 | 12423.1 | 175.0 | -57.0 | -99.9 | 237.9 | 21.4 | 18.1 | 11.4 | 355.8 | 999.9 | 99.9 | 999.9 | 41.9 | 65. |
| 44.3 | 121.5 | 13559.6 | 15.0 | -57.5 | -99.9 | 253.1 | 22.1 | 21.2 | 6.4 | 370.3 | 999.9 | 99.9 | 999.9 | 47.2 | 63. |
| 48.6 | 128.5 | 14746.1 | 125.0 | -57.8 | -99.9 | 253.5 | 28.5 | 27.4 | 8.1 | 390.3 | 999.9 | 99.9 | 999.9 | 52.7 | 60. |
| 53.6 | 135.8 | 16103.9 | 100.0 | -54.0 | -99.9 | 260.8 | 25.8 | 25.5 | 4.1 | 423.5 | 999.9 | 99.9 | 999.9 | 60.7 | 70. |
| 59.9 | 142.8 | 19035.6 | 75.0 | -53.0 | -99.9 | 204.8 | 20.0 | 8.4 | 18.1 | 461.9 | 999.9 | 99.9 | 999.9 | 67.0 | 69. |
| 68.1 | 150.3 | 23615.9 | 50.0 | -53.8 | -99.9 | 265.3 | 7.5 | 7.5 | 0.6 | 510.8 | 999.9 | 99.9 | 999.9 | 70.4 | 65. |
| 80.2 | 158.3 | 25115.4 | 25.0 | -50.7 | -99.9 | 238.9 | 3.2 | 2.7 | 1.6 | 639.5 | 999.9 | 99.9 | 999.9 | 71.5 | 64. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAC
OF POOR QUALITY

STATION NO. 655
ST CLOUD, MINN

24 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | CEW PT DG C | QIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX / S GM/KG | PH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.6 | 316.0 | 976.3 | 5.9 | 4.5 | 70.0 | 3.6 | -3.4 | -1.2 | 281.7 | 295.6 | 5.4 | 91.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.0 | 6.7 | 326.9 | 975.0 | 5.9 | 4.6 | 75.1 | 4.2 | -4.1 | -1.0 | 281.8 | 295.8 | 5.5 | 91.6 | 0.0 | 336. |
| 0.9 | 8.8 | 539.6 | 950.0 | 4.6 | 4.5 | 85.7 | 6.7 | -6.6 | -0.4 | 282.5 | 296.8 | 5.6 | 95.5 | 0.3 | 265. |
| 1.9 | 10.9 | 756.5 | 925.0 | 2.6 | 2.6 | 78.2 | 6.3 | -6.1 | -1.3 | 282.6 | 295.5 | 5.0 | 100.8 | 0.7 | 265. |
| 2.6 | 13.1 | 977.6 | 900.0 | 1.0 | 1.0 | 80.4 | 6.1 | -6.0 | -1.0 | 283.2 | 295.2 | 4.6 | 100.8 | 1.0 | 262. |
| 3.4 | 15.4 | 1204.7 | 875.0 | 1.7 | 0.5 | 94.4 | 7.3 | -7.3 | 0.6 | 286.2 | 298.2 | 4.6 | 91.8 | 1.3 | 264. |
| 4.3 | 17.5 | 1439.0 | 850.0 | 2.1 | 0.4 | 78.9 | 6.8 | -6.7 | -1.3 | 288.9 | 301.4 | 4.7 | 88.7 | 1.7 | 265. |
| 5.3 | 19.9 | 1759.9 | 825.0 | 1.4 | -1.4 | 68.5 | 5.9 | -5.5 | -3.2 | 290.6 | 302.0 | 4.2 | 81.4 | 2.1 | 264. |
| 6.2 | 22.1 | 1927.9 | 800.0 | 1.2 | -8.8 | 351.5 | 3.9 | 0.6 | -3.2 | 292.7 | 299.8 | 2.5 | 48.4 | 2.2 | 253. |
| 7.2 | 24.6 | 2183.9 | 775.0 | 2.3 | -25.3 | 323.7 | 5.0 | 3.0 | -4.1 | 296.4 | 299.4 | 0.6 | 10.8 | 2.2 | 253. |
| 8.2 | 26.9 | 2448.1 | 750.0 | 1.3 | -28.1 | 315.0 | 6.2 | 4.4 | -4.4 | 298.1 | 300.3 | 0.7 | 12.9 | 2.1 | 244. |
| 9.1 | 29.5 | 2720.1 | 725.0 | -0.5 | -25.0 | 308.6 | 6.9 | 5.4 | -4.3 | 299.0 | 301.2 | 0.7 | 13.5 | 1.9 | 221. |
| 10.1 | 32.1 | 2999.3 | 700.0 | -2.4 | -25.7 | 302.8 | 8.6 | 7.3 | -4.7 | 299.9 | 302.1 | 0.7 | 14.8 | 1.9 | 221. |
| 11.2 | 34.9 | 3296.8 | 675.0 | -4.5 | -17.9 | 295.6 | 9.5 | 8.6 | -4.1 | 300.8 | 305.1 | 1.4 | 35.2 | 1.9 | 201. |
| 12.2 | 37.3 | 3583.1 | 650.0 | -6.6 | -14.4 | 285.2 | 9.4 | 9.1 | -2.5 | 301.7 | 307.5 | 1.9 | 53.7 | 1.9 | 195. |
| 13.2 | 40.1 | 3864.2 | 625.0 | -9.2 | -18.5 | 283.0 | 10.0 | 9.7 | -2.2 | 302.1 | 308.5 | 1.4 | 46.7 | 2.1 | 168. |
| 14.3 | 42.8 | 4203.1 | 600.0 | -10.8 | -33.4 | 295.9 | 10.7 | 10.3 | -2.9 | 30.6 | 304.8 | 0.4 | 13.6 | 2.5 | 154. |
| 15.5 | 45.9 | 4528.8 | 575.0 | -12.7 | -47.6 | 285.2 | 12.8 | 12.4 | -3.1 | 305.1 | 305.4 | 0.1 | 3.5 | 3.1 | 143. |
| 16.6 | 48.2 | 4866.5 | 550.0 | -15.0 | -40.0 | 282.0 | 13.5 | 13.2 | -2.8 | 306.3 | 307.0 | 0.2 | 9.6 | 3.8 | 133. |
| 17.8 | 51.8 | 5216.7 | 525.0 | -17.6 | -38.5 | 280.0 | 13.3 | 13.1 | -2.3 | 307.3 | 308.2 | 0.3 | 14.2 | 4.6 | 128. |
| 19.1 | 55.0 | 5579.8 | 500.0 | -20.2 | -38.8 | 282.5 | 15.0 | 14.6 | -3.2 | 308.4 | 309.4 | 0.3 | 21.1 | 5.6 | 122. |
| 20.3 | 58.1 | 5957.6 | 475.0 | -22.9 | -39.3 | 275.7 | 16.4 | 14.3 | -1.9 | 309.6 | 310.7 | 0.3 | 20.6 | 6.7 | 119. |
| 21.7 | 61.6 | 6352.2 | 450.0 | -25.2 | -41.6 | 268.4 | 18.7 | 18.6 | 0.5 | 311.6 | 312.3 | 0.2 | 19.7 | 8.1 | 114. |
| 23.2 | 65.1 | 6764.5 | 425.0 | -28.2 | -48.2 | 268.1 | 19.8 | 18.8 | 0.5 | 312.8 | 313.2 | 0.1 | 13.4 | 9.5 | 110. |
| 24.6 | 68.6 | 7197.7 | 400.0 | -30.8 | -59.7 | 270.4 | 20.7 | 20.7 | -0.1 | 314.0 | 314.9 | 0.0 | 4.0 | 11.2 | 107. |
| 26.3 | 72.2 | 7652.4 | 375.0 | -34.4 | -61.3 | 265.7 | 24.4 | 26.3 | 2.0 | 316.0 | 316.1 | 0.0 | 4.5 | 13.3 | 104. |
| 28.1 | 76.2 | 8131.3 | 350.0 | -38.2 | -59.7 | 264.1 | 29.4 | 29.3 | 3.1 | 317.1 | 317.3 | 0.0 | 8.3 | 16.3 | 107. |
| 29.9 | 80.3 | 8637.1 | 325.0 | -41.8 | -59.9 | 258.6 | 35.5 | 31.2 | 9.2 | 319.1 | 319.9 | 96.9 | 99.9 | 19.1 | 96. |
| 31.8 | 84.6 | 9175.2 | 300.0 | -45.6 | -59.9 | 252.4 | 39.9 | 29.1 | 10.4 | 321.1 | 321.1 | 99.9 | 99.9 | 22.8 | 91. |
| 33.6 | 89.0 | 9740.8 | 275.0 | -49.4 | -59.9 | 243.9 | 36.6 | 29.3 | 14.3 | 323.7 | 323.7 | 99.9 | 99.9 | 26.1 | 90. |
| 35.8 | 94.0 | 10367.3 | 250.0 | -54.6 | -59.9 | 235.1 | 30.0 | 24.8 | 16.9 | 324.9 | 324.9 | 99.9 | 99.9 | 29.6 | 80. |
| 37.1 | 99.0 | 11035.4 | 225.0 | -59.3 | -59.9 | 233.9 | 32.7 | 26.8 | 19.2 | 327.6 | 327.6 | 99.9 | 99.9 | 33.2 | 82. |
| 40.5 | 104.4 | 11770.1 | 200.0 | -60.6 | -59.9 | 246.3 | 33.2 | 30.4 | 12.4 | 336.8 | 336.8 | 99.9 | 99.9 | 37.7 | 79. |
| 43.3 | 110.6 | 12597.5 | 175.0 | -62.6 | -59.9 | 256.5 | 33.9 | 32.9 | 7.9 | 346.6 | 346.6 | 99.9 | 99.9 | 41.4 | 78. |
| 46.7 | 117.0 | 13562.5 | 150.0 | -57.0 | -59.9 | 263.5 | 28.9 | 26.7 | 3.1 | 371.9 | 371.9 | 99.9 | 99.9 | 48.4 | 76. |
| 50.7 | 124.7 | 14725.9 | 125.0 | -54.5 | -59.9 | 258.6 | 23.3 | 22.1 | 7.3 | 396.4 | 396.4 | 99.9 | 99.9 | 55.3 | 79. |
| 56.0 | 133.0 | 16164.8 | 100.0 | -52.0 | -59.9 | 268.5 | 17.1 | 17.0 | 1.6 | 427.4 | 427.4 | 99.9 | 99.9 | 61.7 | 79. |
| 62.2 | 142.3 | 18014.3 | 75.0 | -56.3 | -59.9 | 258.7 | 25.3 | 24.8 | 5.0 | 454.8 | 454.8 | 99.9 | 99.9 | 68.6 | 78. |
| 69.9 | 151.3 | 20603.2 | 50.0 | -54.7 | -59.9 | 208.6 | 7.5 | 2.9 | 6.9 | 514.6 | 514.6 | 99.9 | 99.9 | 73.2 | 71. |
| 82.3 | 162.3 | 25075.3 | 25.0 | -50.0 | -59.9 | 348.7 | 4.5 | 1.5 | -4.3 | 641.3 | 641.3 | 99.9 | 99.9 | 74.5 | 81. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 662
RAPID CITY, S D
24 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 14.2 | 966.0 | 898.4 | 5.0 | 4.6 | 350.0 | 2.6 | 0.5 | -2.6 | 287.6 | 303.1 | 5.9 | 97.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.9 | 16.0 | 1183.7 | 875.0 | 8.4 | 0.1 | 999.9 | 99.9 | 99.9 | 99.9 | 293.1 | 305.2 | 4.4 | 99.9 | 999.9 | 999.9 |
| 1.7 | 18.3 | 1422.5 | 850.0 | 5.9 | -1.3 | 300.7 | 10.8 | 9.3 | -5.3 | 292.9 | 304.2 | 4.1 | 59.8 | 0.7 | 121. |
| 2.4 | 20.4 | 1666.3 | 825.0 | 3.9 | -1.8 | 296.7 | 14.1 | 12.8 | -5.9 | 293.2 | 304.4 | 4.1 | 66.5 | 1.2 | 120. |
| 3.1 | 22.5 | 1915.5 | 800.0 | 1.7 | -3.1 | 289.7 | 16.9 | 15.9 | -5.7 | 293.4 | 303.9 | 3.8 | 70.2 | 1.9 | 117. |
| 4.0 | 24.8 | 2171.2 | 775.0 | 1.1 | -4.4 | 284.3 | 21.2 | 20.6 | -5.3 | 295.4 | 305.4 | 3.6 | 68.9 | 2.9 | 113. |
| 4.9 | 26.9 | 2434.7 | 750.0 | 0.2 | -9.4 | 278.2 | 19.5 | 18.3 | -2.7 | 297.1 | 304.3 | 2.5 | 48.5 | 4.0 | 110. |
| 5.8 | 29.3 | 2705.4 | 725.0 | -1.7 | -11.9 | 272.0 | 16.0 | 16.0 | -0.6 | 297.9 | 304.1 | 2.1 | 45.4 | 4.9 | 107. |
| 6.7 | 31.8 | 2984.1 | 700.0 | -3.8 | -14.2 | 262.0 | 14.5 | 14.4 | 2.0 | 298.5 | 303.9 | 1.8 | 43.9 | 5.7 | 104. |
| 7.9 | 34.3 | 3270.5 | 675.0 | -5.4 | -16.4 | 252.8 | 16.0 | 15.3 | 4.7 | 299.7 | 301.8 | 0.7 | 17.2 | 6.7 | 100. |
| 8.8 | 36.6 | 3565.3 | 650.0 | -7.6 | -18.4 | 241.6 | 16.0 | 14.0 | 7.6 | 300.4 | 302.5 | 0.7 | 20.6 | 7.5 | 97. |
| 10.0 | 39.2 | 3868.7 | 625.0 | -10.8 | -20.7 | 229.7 | 15.1 | 11.4 | 9.9 | 300.2 | 302.4 | 0.7 | 25.5 | 8.2 | 92. |
| 11.0 | 41.7 | 4181.3 | 600.0 | -13.0 | -23.2 | 222.9 | 15.0 | 12.0 | 9.0 | 301.1 | 302.1 | 0.3 | 13.1 | 8.9 | 88. |
| 12.0 | 44.4 | 4503.5 | 575.0 | -16.1 | -26.8 | 214.1 | 14.1 | 12.2 | 7.0 | 301.1 | 301.6 | 0.1 | 7.9 | 9.9 | 85. |
| 13.1 | 47.3 | 4836.6 | 550.0 | -18.4 | -31.7 | 209.0 | 12.6 | 11.7 | 4.5 | 302.2 | 302.8 | 0.2 | 10.7 | 10.5 | 83. |
| 14.1 | 50.1 | 5182.1 | 525.0 | -20.4 | -33.1 | 204.5 | 14.0 | 13.5 | 3.7 | 303.9 | 304.4 | 0.2 | 11.0 | 11.3 | 83. |
| 15.2 | 52.9 | 5541.6 | 500.0 | -22.8 | -33.9 | 203.8 | 17.8 | 16.0 | 7.9 | 305.2 | 305.7 | 0.2 | 12.5 | 12.3 | 82. |
| 16.2 | 55.8 | 5915.6 | 475.0 | -25.6 | -36.7 | 209.7 | 10.9 | 15.2 | 12.9 | 306.3 | 306.7 | 0.1 | 11.7 | 13.5 | 80. |
| 17.7 | 59.0 | 6305.1 | 450.0 | -28.3 | -38.7 | 214.4 | 26.3 | 14.8 | 21.7 | 307.7 | 308.0 | 0.1 | 11.9 | 15.0 | 75. |
| 19.3 | 62.4 | 6712.7 | 425.0 | -31.0 | -49.8 | 211.8 | 29.7 | 15.6 | 25.2 | 309.2 | 309.6 | 0.1 | 13.6 | 17.1 | 64. |
| 20.9 | 65.7 | 7140.5 | 400.0 | -33.8 | -52.0 | 212.2 | 30.8 | 20.7 | 22.8 | 310.9 | 311.2 | 0.1 | 14.3 | 22.2 | 61. |
| 22.4 | 69.1 | 7589.7 | 375.0 | -37.0 | -54.4 | 222.6 | 32.4 | 20.8 | 23.1 | 312.5 | 312.7 | 0.1 | 14.3 | 22.2 | 61. |
| 23.7 | 72.7 | 8063.7 | 350.0 | -40.2 | -59.9 | 222.6 | 32.4 | 21.9 | 23.9 | 314.6 | 314.6 | 0.1 | 14.3 | 22.2 | 61. |
| 25.5 | 76.6 | 8566.4 | 325.0 | -43.5 | -59.9 | 228.4 | 31.2 | 23.3 | 20.7 | 316.7 | 316.7 | 0.1 | 14.3 | 22.2 | 61. |
| 27.4 | 80.6 | 9101.1 | 300.0 | -46.7 | -59.9 | 237.8 | 23.9 | 20.3 | 12.7 | 319.5 | 319.5 | 0.1 | 14.3 | 22.2 | 61. |
| 29.1 | 84.8 | 9672.5 | 275.0 | -51.1 | -59.9 | 235.3 | 16.3 | 13.4 | 9.3 | 321.3 | 321.3 | 0.1 | 14.3 | 22.2 | 61. |
| 31.1 | 89.2 | 10287.9 | 250.0 | -53.6 | -59.9 | 215.7 | 20.6 | 12.0 | 16.8 | 326.3 | 326.3 | 0.1 | 14.3 | 22.2 | 61. |
| 33.6 | 94.2 | 10961.7 | 225.0 | -56.0 | -59.9 | 211.7 | 27.1 | 23.9 | 12.8 | 332.6 | 332.6 | 0.1 | 14.3 | 22.2 | 61. |
| 36.4 | 99.4 | 11717.6 | 200.0 | -53.6 | -59.9 | 254.4 | 26.7 | 25.7 | 7.0 | 347.8 | 347.8 | 0.1 | 14.3 | 22.2 | 61. |
| 38.0 | 105.0 | 12571.7 | 175.0 | -55.2 | -59.9 | 245.9 | 23.1 | 21.1 | 9.4 | 357.2 | 357.2 | 0.1 | 14.3 | 22.2 | 61. |
| 42.4 | 111.3 | 13547.7 | 150.0 | -58.1 | -59.9 | 250.4 | 18.9 | 17.8 | 6.4 | 369.9 | 369.9 | 0.1 | 14.3 | 22.2 | 61. |
| 46.7 | 118.7 | 14703.8 | 125.0 | -53.7 | -59.9 | 252.3 | 17.8 | 17.0 | 5.4 | 379.8 | 379.8 | 0.1 | 14.3 | 22.2 | 61. |
| 51.3 | 127.0 | 16135.2 | 100.0 | -55.5 | -59.9 | 259.4 | 21.2 | 19.8 | 7.5 | 420.5 | 420.5 | 0.1 | 14.3 | 22.2 | 61. |
| 56.9 | 136.5 | 17973.4 | 75.0 | -55.1 | -59.9 | 239.4 | 15.0 | 13.6 | 8.0 | 457.5 | 457.5 | 0.1 | 14.3 | 22.2 | 61. |
| 64.2 | 146.0 | 23591.7 | 50.0 | -57.7 | -59.9 | 192.2 | 3.4 | 0.7 | 3.4 | 507.6 | 507.6 | 0.1 | 14.3 | 22.2 | 61. |
| 76.4 | 156.5 | 25070.0 | 25.0 | -49.6 | -59.9 | 133.7 | 3.2 | 1.4 | -2.9 | 642.3 | 642.3 | 0.1 | 14.3 | 22.2 | 61. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER24 APRIL 1975
1130 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | OIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.9 | 180.0 | 997.1 | 18.2 | 14.9 | 120.0 | 3.1 | -2.7 | 1.5 | 293.0 | 321.0 | 10.8 | 81.0 | 0.0 | 0. |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 0.6 | 7.3 | 372.0 | 975.0 | 16.8 | 13.6 | 194.5 | 13.3 | 3.3 | 12.8 | 293.4 | 320.2 | 10.3 | 82.3 | 0.3 | 36.0 |
| 1.3 | 10.3 | 593.7 | 950.0 | 16.6 | 15.1 | 204.9 | 17.6 | 7.4 | 16.0 | 295.6 | 325.6 | 11.5 | 90.5 | 0.9 | 12. |
| 2.2 | 12.0 | 821.7 | 925.0 | 16.4 | 15.2 | 219.9 | 21.1 | 11.6 | 16.2 | 297.7 | 329.1 | 11.9 | 92.6 | 1.9 | 24. |
| 2.9 | 14.4 | 1055.5 | 900.0 | 15.5 | 13.8 | 222.1 | 20.9 | 14.0 | 15.5 | 298.9 | 328.6 | 11.1 | 85.9 | 2.9 | 30. |
| 3.9 | 14.5 | 1294.5 | 875.0 | 14.0 | 12.3 | 228.7 | 18.9 | 14.2 | 12.5 | 299.7 | 327.5 | 10.4 | 89.5 | 3.9 | 38. |
| 4.7 | 16.8 | 1538.9 | 850.0 | 12.1 | 11.1 | 235.8 | 20.0 | 16.5 | 11.2 | 300.1 | 326.6 | 9.9 | 93.8 | 4.9 | 38. |
| 5.7 | 21.7 | 1789.3 | 825.0 | 11.0 | 8.8 | 244.8 | 16.0 | 14.4 | 8.8 | 301.4 | 325.0 | 8.7 | 86.1 | 5.8 | 42. |
| 6.8 | 23.5 | 2046.1 | 800.0 | 9.3 | 6.7 | 238.8 | 15.4 | 13.5 | 6.2 | 302.1 | 323.5 | 7.8 | 84.6 | 6.8 | 45. |
| 7.7 | 25.9 | 2309.2 | 775.0 | 7.9 | 5.2 | 232.4 | 17.0 | 13.5 | 10.4 | 303.3 | 324.7 | 7.7 | 89.5 | 7.7 | 46. |
| 8.8 | 28.2 | 2579.5 | 750.0 | 6.2 | 5.3 | 234.5 | 19.3 | 15.7 | 11.2 | 304.3 | 325.1 | 7.5 | 94.0 | 8.8 | 47. |
| 9.4 | 30.3 | 2857.3 | 725.0 | 5.1 | -4.8 | 237.4 | 20.5 | 17.3 | 10.9 | 305.6 | 316.6 | 3.8 | 50.1 | 10.0 | 44. |
| 10.7 | 33.6 | 3144.1 | 700.0 | 5.5 | -17.2 | 244.1 | 19.4 | 17.4 | 8.5 | 308.7 | 313.1 | 1.4 | 17.6 | 11.1 | 44. |
| 11.7 | 36.0 | 3440.3 | 675.0 | 3.8 | -12.4 | 252.1 | 20.7 | 19.7 | 6.4 | 310.1 | 314.8 | 2.2 | 29.5 | 12.2 | 51. |
| 12.7 | 38.3 | 3746.0 | 650.0 | 2.0 | -7.3 | 254.0 | 22.7 | 21.8 | 6.3 | 311.7 | 321.9 | 3.4 | 49.9 | 13.5 | 53. |
| 13.4 | 41.4 | 4061.3 | 625.0 | -0.9 | -7.1 | 251.5 | 25.3 | 24.0 | 6.1 | 311.9 | 322.7 | 3.6 | 62.4 | 15.0 | 55. |
| 14.2 | 44.3 | 4385.9 | 600.0 | -3.6 | -11.5 | 248.2 | 24.6 | 22.9 | 9.1 | 312.3 | 320.3 | 2.6 | 54.1 | 16.6 | 57. |
| 16.1 | 47.4 | 4720.5 | 575.0 | -6.6 | -11.4 | 245.6 | 23.8 | 21.7 | 9.8 | 312.6 | 321.2 | 2.8 | 69.8 | 18.3 | 58. |
| 17.2 | 50.3 | 5066.9 | 550.0 | -9.0 | -9.0 | 250.1 | 21.4 | 20.1 | 7.3 | 313.9 | 324.5 | 3.5 | 100.3 | 19.9 | 54. |
| 18.4 | 53.4 | 5426.1 | 525.0 | -11.4 | -12.1 | 264.2 | 19.5 | 19.4 | 2.0 | 315.0 | 323.9 | 2.9 | 95.1 | 21.2 | 59. |
| 19.6 | 56.4 | 5798.2 | 500.0 | -14.9 | -20.0 | 267.9 | 22.3 | 22.3 | 0.9 | 315.0 | 320.2 | 1.6 | 67.0 | 22.5 | 51. |
| 20.9 | 59.7 | 6184.4 | 475.0 | -16.7 | -33.7 | 270.5 | 21.8 | 21.8 | -0.2 | 317.3 | 319.0 | 0.5 | 22.1 | 24.9 | 63. |
| 22.2 | 63.3 | 6590.1 | 450.0 | -18.2 | -37.9 | 268.5 | 20.2 | 20.2 | 0.5 | 320.4 | 321.5 | 0.3 | 15.7 | 25.4 | 65. |
| 23.6 | 66.7 | 7014.1 | 425.0 | -21.7 | -41.6 | 267.3 | 21.5 | 21.5 | 1.0 | 321.1 | 321.9 | 0.2 | 14.5 | 27.1 | 64. |
| 25.1 | 70.4 | 7457.3 | 400.0 | -25.8 | -44.7 | 266.5 | 22.0 | 21.9 | 1.3 | 321.4 | 324.1 | 0.2 | 14.9 | 28.9 | 64. |
| 26.9 | 74.1 | 7921.4 | 375.0 | -28.9 | -47.1 | 273.3 | 23.2 | 23.2 | -1.3 | 323.3 | 323.6 | 0.1 | 15.1 | 31.1 | 59. |
| 28.8 | 78.2 | 8411.2 | 350.0 | -32.5 | -50.0 | 279.5 | 22.8 | 22.5 | -3.7 | 324.9 | 325.3 | 0.1 | 15.5 | 33.5 | 71. |
| 30.6 | 82.3 | 8929.2 | 325.0 | -36.8 | -53.3 | 277.7 | 25.6 | 24.4 | -3.4 | 325.9 | 326.2 | 0.1 | 15.9 | 35.9 | 73. |
| 32.5 | 86.7 | 9478.1 | 300.0 | -41.3 | -59.9 | 282.6 | 25.5 | 24.9 | -5.6 | 327.2 | 999.9 | 99.9 | 99.9 | 38.5 | 75. |
| 34.4 | 91.6 | 10062.4 | 275.0 | -46.6 | -59.9 | 281.1 | 22.8 | 22.4 | -4.4 | 327.8 | 999.9 | 99.9 | 99.9 | 40.9 | 77. |
| 36.4 | 96.4 | 10687.6 | 250.0 | -51.6 | -59.9 | 280.1 | 24.1 | 23.7 | -4.2 | 329.4 | 999.9 | 99.9 | 99.9 | 43.4 | 74. |
| 38.4 | 101.8 | 11365.7 | 225.0 | -55.3 | -59.9 | 280.7 | 30.6 | 30.1 | -5.7 | 333.7 | 999.9 | 99.9 | 99.9 | 47.1 | 80. |
| 41.3 | 107.9 | 12109.9 | 200.0 | -59.1 | -59.9 | 279.5 | 33.5 | 33.0 | -5.5 | 339.3 | 999.9 | 99.9 | 99.9 | 52.0 | 82. |
| 43.9 | 114.0 | 12942.8 | 175.0 | -60.8 | -59.9 | 273.7 | 30.1 | 30.0 | -1.9 | 349.7 | 999.9 | 99.9 | 99.9 | 56.7 | 83. |
| 46.8 | 121.0 | 13898.0 | 150.0 | -62.0 | -59.9 | 268.3 | 28.7 | 28.6 | 0.8 | 363.2 | 999.9 | 99.9 | 99.9 | 61.4 | 84. |
| 50.4 | 129.0 | 15028.2 | 125.0 | -62.4 | -59.9 | 271.4 | 30.5 | 30.5 | -0.7 | 382.0 | 999.9 | 99.9 | 99.9 | 68.4 | 85. |
| 54.4 | 137.3 | 16390.2 | 100.0 | -65.7 | -59.9 | 270.7 | 22.6 | 22.6 | -0.3 | 400.8 | 999.9 | 99.9 | 99.9 | 74.4 | 86. |
| 59.6 | 146.3 | 18119.9 | 75.0 | -67.9 | -59.9 | 271.0 | 14.9 | 14.9 | -0.3 | 430.7 | 999.9 | 99.9 | 99.9 | 77.8 | 86. |
| 66.3 | 156.3 | 20602.0 | 50.0 | -62.1 | -59.9 | 352.4 | 3.4 | 0.4 | -3.1 | 497.2 | 999.9 | 99.9 | 99.9 | 80.3 | 87. |
| 76.2 | 166.3 | 23021.1 | 25.0 | -51.5 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 636.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 22002
FT. SILL, OKLA24 APRIL 1975
1309 GMT

112 165. 0

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | PH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.3 | 362.0 | 965.8 | 21.0 | 18.8 | 180.0 | 4.6 | 0.0 | 4.6 | 299.0 | 336.6 | 14.3 | 87.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 9.7 | 505.2 | 950.0 | 19.8 | 18.0 | 215.6 | 12.3 | 7.2 | 10.0 | 299.1 | 335.5 | 13.8 | 89.2 | 0.3 | 21. |
| 1.5 | 11.9 | 735.2 | 925.0 | 18.4 | 17.1 | 224.1 | 17.3 | 12.1 | 12.4 | 299.9 | 335.5 | 13.4 | 92.1 | 1.0 | 33. |
| 2.3 | 14.3 | 971.1 | 900.0 | 19.6 | 16.2 | 237.5 | 18.8 | 15.9 | 10.1 | 302.4 | 337.5 | 13.1 | 86.5 | 1.9 | 42. |
| 3.2 | 16.5 | 1213.7 | 875.0 | 20.7 | -24.1 | 244.2 | 13.4 | 12.1 | 5.8 | 305.5 | 304.8 | 1.1 | 6.7 | 2.7 | 49. |
| 4.1 | 19.0 | 1463.8 | 850.0 | 21.4 | -36.9 | 239.5 | 11.4 | 9.8 | 5.8 | 308.6 | 309.2 | 0.2 | 1.0 | 3.4 | 51. |
| 5.1 | 21.3 | 1720.9 | 825.0 | 19.9 | -37.8 | 251.1 | 7.4 | 7.0 | 2.4 | 309.6 | 310.2 | 0.2 | 1.0 | 3.9 | 53. |
| 6.1 | 23.8 | 1584.2 | 800.0 | 17.8 | -39.1 | 258.7 | 7.4 | 7.2 | 1.4 | 310.1 | 310.7 | 0.2 | 1.0 | 4.3 | 55. |
| 7.2 | 26.2 | 2253.6 | 775.0 | 15.3 | -40.2 | 257.6 | 9.3 | 9.1 | 2.0 | 310.2 | 310.8 | 0.1 | 1.0 | 4.8 | 58. |
| 8.3 | 28.9 | 2529.5 | 750.0 | 12.8 | -39.2 | 252.8 | 11.5 | 11.0 | 3.4 | 310.5 | 311.1 | 0.2 | 1.4 | 5.4 | 60. |
| 9.3 | 31.6 | 2812.4 | 725.0 | 10.5 | -38.8 | 248.6 | 13.7 | 12.7 | 5.0 | 310.9 | 311.6 | 0.2 | 1.7 | 6.2 | 61. |
| 10.4 | 34.3 | 3132.7 | 700.0 | 8.0 | -32.6 | 248.3 | 16.9 | 15.7 | 6.2 | 311.4 | 312.6 | 0.4 | 3.7 | 7.2 | 62. |
| 11.7 | 37.0 | 3401.4 | 675.0 | 6.6 | -31.5 | 251.8 | 20.9 | 19.8 | 6.5 | 313.1 | 314.4 | 0.4 | 4.5 | 8.7 | 63. |
| 12.9 | 39.5 | 3709.6 | 650.0 | 4.2 | -32.6 | 251.5 | 21.6 | 20.5 | 6.8 | 313.7 | 315.0 | 0.4 | 4.8 | 10.3 | 65. |
| 14.2 | 42.7 | 4026.5 | 625.0 | 1.3 | -27.2 | 249.3 | 23.6 | 22.1 | 8.3 | 314.0 | 316.2 | 0.7 | 9.7 | 11.9 | 66. |
| 15.3 | 45.8 | 4352.2 | 600.0 | -1.4 | -26.6 | 250.3 | 25.5 | 24.1 | 8.4 | 314.6 | 316.6 | 0.6 | 10.4 | 13.6 | 66. |
| 16.4 | 48.9 | 4690.6 | 575.0 | -3.7 | -33.4 | 252.5 | 29.2 | 27.8 | 8.8 | 315.7 | 317.1 | 0.4 | 7.8 | 15.4 | 67. |
| 17.6 | 51.7 | 5040.8 | 550.0 | -5.1 | -39.2 | 251.2 | 31.1 | 29.4 | 10.0 | 318.0 | 318.8 | 0.2 | 4.9 | 17.5 | 67. |
| 18.8 | 55.0 | 5403.7 | 525.0 | -8.4 | -41.9 | 250.5 | 28.9 | 27.3 | 9.7 | 318.3 | 318.9 | 0.2 | 4.7 | 19.8 | 68. |
| 20.1 | 58.3 | 5790.0 | 500.0 | -11.1 | -50.8 | 247.2 | 26.1 | 24.1 | 10.1 | 319.5 | 319.7 | 0.1 | 2.1 | 21.9 | 69. |
| 21.4 | 61.7 | 6172.4 | 475.0 | -13.6 | -45.8 | 248.5 | 26.0 | 24.2 | 9.5 | 321.1 | 321.6 | 0.1 | 4.6 | 24.0 | 69. |
| 22.8 | 65.3 | 6581.1 | 450.0 | -17.0 | -45.7 | 252.3 | 22.1 | 21.1 | 6.7 | 321.9 | 322.4 | 0.1 | 6.2 | 25.9 | 69. |
| 24.3 | 68.9 | 7036.3 | 425.0 | -20.8 | -43.6 | 254.9 | 25.2 | 24.3 | 6.6 | 322.2 | 322.9 | 0.2 | 10.9 | 28.0 | 69. |
| 25.9 | 72.6 | 7450.8 | 400.0 | -24.7 | -40.9 | 258.1 | 24.2 | 23.7 | 5.0 | 322.9 | 323.6 | 0.3 | 20.4 | 30.3 | 69. |
| 27.6 | 76.7 | 7916.8 | 375.0 | -28.5 | -43.0 | 260.1 | 30.0 | 29.6 | 5.2 | 323.8 | 324.6 | 0.2 | 23.1 | 33.0 | 70. |
| 29.3 | 80.7 | 8407.8 | 350.0 | -31.5 | -47.0 | 259.3 | 26.6 | 26.3 | 5.0 | 326.3 | 326.8 | 0.2 | 19.8 | 35.9 | 71. |
| 31.0 | 85.0 | 8927.5 | 325.0 | -35.5 | -51.8 | 259.2 | 27.8 | 27.3 | 5.3 | 327.7 | 328.1 | 0.1 | 16.7 | 39.0 | 71. |
| 32.9 | 89.5 | 9478.6 | 300.0 | -40.4 | 99.9 | 258.1 | 28.8 | 28.1 | 5.9 | 328.5 | 329.9 | 99.9 | 99.9 | 41.9 | 72. |
| 34.8 | 94.3 | 10065.3 | 275.0 | -45.2 | 99.9 | 260.5 | 27.6 | 27.3 | 4.6 | 329.7 | 330.9 | 99.9 | 99.9 | 44.9 | 72. |
| 36.7 | 99.3 | 10694.8 | 250.0 | -50.2 | 99.9 | 265.9 | 24.1 | 24.0 | 1.7 | 331.4 | 331.9 | 99.9 | 99.9 | 48.3 | 73. |
| 38.9 | 104.6 | 11376.3 | 225.0 | -54.6 | 99.9 | 263.3 | 25.3 | 25.1 | 3.0 | 334.9 | 335.9 | 99.9 | 99.9 | 51.2 | 74. |
| 41.1 | 110.4 | 12120.1 | 200.0 | -59.1 | 99.9 | 270.0 | 26.9 | 26.9 | -0.0 | 337.6 | 338.9 | 99.9 | 99.9 | 54.6 | 75. |
| 43.5 | 116.3 | 12944.0 | 175.0 | -64.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 344.4 | 344.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

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Sounding Data

24 April 1975

1500 GMT

SOUNDING DATA

STATION NO. 206
CHARLESTON, SC24 APRIL 1975
1500 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.5 | 13.0 | 1022.7 | 24.0 | 14.7 | 210.0 | 7.2 | 3.6 | 6.2 | 296.7 | 324.0 | 10.4 | 56.0 | 0.0 | 0. |
| 0.5 | 6.2 | 209.7 | 1000.0 | 21.5 | 12.4 | 214.2 | 11.9 | 6.7 | 9.9 | 295.8 | 320.0 | 9.1 | 56.4 | 0.4 | 37. |
| 1.3 | 8.2 | 427.7 | 975.0 | 19.4 | 12.2 | 215.5 | 11.2 | 7.1 | 8.6 | 295.9 | 320.3 | 9.2 | 62.8 | 0.9 | 37. |
| 1.7 | 10.3 | 650.9 | 950.0 | 17.5 | 11.2 | 216.4 | 10.8 | 6.4 | 6.7 | 296.1 | 319.7 | 8.9 | 66.2 | 1.3 | 38. |
| 2.6 | 12.2 | 878.2 | 925.0 | 15.1 | 11.6 | 209.5 | 10.6 | 5.2 | 9.2 | 296.0 | 320.8 | 9.3 | 79.5 | 1.7 | 36. |
| 3.3 | 14.4 | 1110.1 | 900.0 | 13.0 | 9.8 | 214.1 | 11.3 | 6.3 | 9.4 | 296.1 | 318.9 | 8.5 | 80.8 | 2.2 | 35. |
| 4.1 | 16.3 | 1346.4 | 875.0 | 12.0 | 1.4 | 214.9 | 10.5 | 6.0 | 8.6 | 296.9 | 310.4 | 4.9 | 48.4 | 2.8 | 35. |
| 4.9 | 18.5 | 1585.1 | 850.0 | 11.6 | -3.5 | 228.8 | 7.1 | 5.4 | 4.7 | 298.7 | 309.6 | 3.5 | 34.7 | 3.2 | 35. |
| 5.5 | 20.7 | 1438.5 | 825.0 | 10.4 | 4.1 | 242.4 | 5.2 | 4.7 | 2.4 | 300.4 | 317.8 | 6.3 | 65.3 | 3.4 | 37. |
| 6.3 | 22.9 | 2064.1 | 800.0 | 8.5 | 0.9 | 263.4 | 4.7 | 4.7 | 0.5 | 300.9 | 315.3 | 5.1 | 58.7 | 3.6 | 39. |
| 7.1 | 25.2 | 2356.2 | 775.0 | 7.1 | -4.0 | 259.4 | 4.7 | 4.6 | 0.9 | 301.9 | 312.7 | 3.8 | 46.1 | 3.7 | 42. |
| 7.9 | 27.5 | 2625.4 | 750.0 | 6.4 | -11.9 | 252.0 | 4.9 | 4.6 | 1.5 | 303.8 | 309.9 | 2.1 | 25.7 | 3.9 | 44. |
| 8.7 | 29.3 | 2903.0 | 725.0 | 5.2 | -0.2 | 252.7 | 4.9 | 4.7 | 1.5 | 303.8 | 320.7 | 5.2 | 69.2 | 4.1 | 45. |
| 9.6 | 32.4 | 3189.4 | 700.0 | 3.6 | -0.1 | 261.2 | 4.6 | 4.5 | 0.7 | 307.2 | 323.8 | 5.4 | 76.6 | 4.3 | 47. |
| 10.5 | 35.0 | 3464.0 | 675.0 | 2.1 | -1.3 | 263.3 | 5.9 | 5.8 | 0.7 | 308.6 | 323.6 | 5.2 | 78.5 | 4.5 | 49. |
| 11.3 | 37.4 | 3726.6 | 650.0 | 0.9 | -4.4 | 272.9 | 6.7 | 6.7 | -0.3 | 312.3 | 323.1 | 4.3 | 67.6 | 4.8 | 51. |
| 12.3 | 40.1 | 4103.4 | 625.0 | -0.4 | -9.2 | 297.1 | 7.2 | 6.4 | -3.3 | 312.3 | 321.6 | 3.0 | 51.4 | 5.1 | 55. |
| 13.5 | 42.7 | 4425.2 | 600.0 | -1.9 | -19.4 | 311.8 | 9.9 | 7.4 | -6.6 | 312.0 | 314.5 | 1.4 | 25.2 | 5.3 | 61. |
| 14.5 | 45.4 | 4766.0 | 575.0 | -4.6 | -20.4 | 318.0 | 11.9 | 1.0 | -8.8 | 314.8 | 319.0 | 1.3 | 27.2 | 5.5 | 67. |
| 15.6 | 48.4 | 5114.0 | 550.0 | -7.5 | -14.5 | 322.5 | 13.6 | 1.4 | -11.0 | 315.4 | 320.5 | 1.6 | 40.8 | 5.8 | 70. |
| 16.9 | 51.2 | 5474.0 | 525.0 | -10.7 | -24.6 | 326.0 | 12.9 | 7.1 | -10.8 | 315.6 | 319.1 | 1.1 | 32.6 | 6.3 | 84. |
| 18.0 | 54.3 | 5848.4 | 500.0 | -11.5 | -31.7 | 315.6 | 11.4 | 7.4 | -8.7 | 319.0 | 320.8 | 0.5 | 16.8 | 6.7 | 91. |
| 19.4 | 57.3 | 6235.2 | 475.0 | -14.6 | -34.1 | 301.4 | 12.0 | 10.3 | -6.3 | 315.8 | 321.4 | 0.4 | 17.1 | 7.5 | 98. |
| 21.0 | 60.6 | 6647.1 | 450.0 | -16.7 | -35.7 | 287.4 | 13.5 | 12.9 | -4.0 | 322.3 | 323.7 | 0.4 | 17.3 | 8.7 | 98. |
| 22.7 | 64.0 | 7073.9 | 425.0 | -20.0 | -38.3 | 290.3 | 14.7 | 13.8 | -5.1 | 323.3 | 324.4 | 0.3 | 17.7 | 10.1 | 100. |
| 24.4 | 67.3 | 7520.2 | 400.0 | -23.7 | -41.2 | 285.4 | 14.8 | 14.3 | -5.1 | 324.2 | 325.1 | 0.3 | 18.1 | 11.5 | 100. |
| 26.2 | 70.8 | 7968.9 | 375.0 | -26.8 | -43.6 | 293.1 | 15.2 | 14.0 | -6.0 | 325.1 | 326.9 | 0.2 | 18.4 | 13.2 | 101. |
| 28.3 | 74.6 | 8482.9 | 350.0 | -31.0 | -47.0 | 299.4 | 16.9 | 14.8 | -6.2 | 325.9 | 327.5 | 0.2 | 18.8 | 15.1 | 103. |
| 30.5 | 78.7 | 9003.3 | 325.0 | -35.4 | -50.6 | 297.6 | 20.6 | 18.2 | -5.2 | 327.8 | 328.2 | 0.1 | 19.3 | 17.5 | 106. |
| 32.6 | 82.5 | 9556.1 | 300.0 | -39.7 | 94.9 | 304.7 | 25.0 | 20.5 | -14.2 | 329.4 | 959.9 | 99.9 | 99.9 | 20.2 | 108. |
| 34.7 | 86.7 | 10145.2 | 275.0 | -44.5 | 99.9 | 304.3 | 26.0 | 21.5 | -14.7 | 330.8 | 959.9 | 99.9 | 99.9 | 23.5 | 110. |
| 37.1 | 91.4 | 10775.3 | 250.0 | -49.9 | 99.9 | 297.1 | 21.3 | 18.9 | -9.7 | 331.5 | 959.9 | 99.9 | 99.9 | 26.7 | 112. |
| 39.8 | 96.2 | 11457.4 | 225.0 | -54.1 | 96.9 | 286.1 | 23.2 | 22.3 | -6.4 | 335.6 | 959.9 | 99.9 | 99.9 | 30.0 | 111. |
| 42.9 | 101.5 | 12202.0 | 200.0 | -60.1 | 92.9 | 287.3 | 24.2 | 23.1 | -7.2 | 337.6 | 959.9 | 99.9 | 99.9 | 34.4 | 111. |
| 46.0 | 107.3 | 13028.5 | 175.0 | -62.5 | 90.9 | 284.7 | 32.0 | 31.0 | -8.1 | 340.9 | 959.9 | 99.9 | 99.9 | 39.6 | 110. |
| 49.6 | 113.5 | 13992.9 | 150.0 | -66.3 | 99.9 | 287.7 | 29.5 | 27.0 | -9.1 | 373.1 | 959.9 | 99.9 | 99.9 | 46.5 | 109. |
| 53.9 | 120.7 | 15142.3 | 125.0 | -60.3 | 99.9 | 302.2 | 18.3 | 15.5 | -5.8 | 385.2 | 959.9 | 99.9 | 99.9 | 52.4 | 104. |
| 58.3 | 128.7 | 16562.2 | 100.0 | -68.7 | 99.9 | 280.7 | 12.4 | 12.2 | -2.3 | 395.0 | 959.9 | 99.9 | 99.9 | 56.7 | 110. |
| 64.1 | 137.7 | 18217.3 | 75.0 | -67.2 | 90.9 | 255.0 | 10.6 | 9.6 | -4.5 | 432.1 | 959.9 | 99.9 | 99.9 | 62.2 | 109. |
| 71.4 | 146.5 | 20706.1 | 50.0 | -60.4 | 99.9 | 84.4 | 4.4 | -4.4 | -0.4 | 501.1 | 959.9 | 99.9 | 99.9 | 64.4 | 111. |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE
OF POOR QUALITY

STATION NO. 211
TAMPA, FLA24 APRIL 1975
1430 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT T DG K | E POT T DG K | MX RTD GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.5 | 6.0 | 1022.1 | 25.1 | 15.4 | 120.0 | 6.2 | -5.4 | 3.1 | 297.9 | 326.7 | 10.9 | 55.0 | 0.0 | 0. |
| 0.9 | 6.2 | 198.9 | 1000.0 | 22.2 | 12.8 | 118.4 | 7.7 | -5.8 | 3.7 | 296.6 | 321.5 | 9.4 | 55.4 | 0.4 | 30. |
| 1.7 | 6.4 | 412.5 | 975.0 | 20.2 | 12.9 | 136.2 | 8.3 | -5.9 | 5.2 | 296.7 | 322.2 | 9.6 | 62.5 | 0.8 | 30. |
| 2.6 | 10.5 | 642.1 | 950.0 | 17.8 | 12.2 | 138.3 | 8.8 | -5.8 | 6.5 | 296.6 | 321.6 | 9.4 | 69.4 | 1.2 | 30. |
| 3.4 | 12.5 | 869.8 | 925.0 | 15.7 | 10.6 | 136.7 | 9.5 | -5.9 | 6.2 | 296.6 | 320.6 | 8.8 | 71.8 | 1.6 | 31. |
| 4.3 | 14.9 | 1102.1 | 900.0 | 14.9 | 6.3 | 128.0 | 7.5 | -6.2 | 4.2 | 297.8 | 316.0 | 6.7 | 56.2 | 2.1 | 31. |
| 5.3 | 17.0 | 1340.0 | 875.0 | 14.4 | -6.5 | 91.4 | 5.6 | -5.6 | 0.2 | 299.1 | 306.8 | 2.7 | 22.9 | 2.4 | 30. |
| 6.4 | 19.4 | 1584.5 | 850.0 | 14.1 | -10.4 | 77.1 | 5.9 | -5.8 | -1.3 | 301.2 | 307.3 | 2.0 | 17.2 | 2.7 | 30. |
| 7.4 | 21.5 | 1835.6 | 825.0 | 13.0 | -11.3 | 58.4 | 6.6 | -6.6 | 1.0 | 302.6 | 308.4 | 2.0 | 17.3 | 3.0 | 29. |
| 8.3 | 24.0 | 2053.0 | 800.0 | 11.5 | -12.4 | 108.0 | 4.8 | -4.5 | 1.6 | 303.7 | 309.2 | 1.8 | 17.4 | 3.3 | 29. |
| 9.4 | 26.3 | 2356.9 | 775.0 | 9.3 | -15.1 | 65.2 | 2.1 | -1.9 | -0.9 | 304.1 | 309.1 | 1.7 | 17.5 | 3.5 | 29. |
| 10.6 | 28.9 | 2628.5 | 750.0 | 9.5 | -14.0 | 9.1 | 3.0 | -0.5 | -3.0 | 307.1 | 312.4 | 1.7 | 17.5 | 3.5 | 29. |
| 11.6 | 31.5 | 2906.1 | 725.0 | 8.4 | -14.8 | 35.4 | 2.7 | 0.3 | -2.7 | 308.9 | 314.1 | 1.7 | 17.6 | 3.4 | 29. |
| 12.8 | 34.2 | 3198.4 | 700.0 | 8.2 | -15.5 | 6.4 | 2.9 | -0.3 | -2.9 | 311.7 | 316.9 | 1.6 | 16.9 | 3.4 | 28. |
| 14.0 | 36.7 | 3457.9 | 675.0 | 6.8 | -12.6 | 343.8 | 2.7 | 0.8 | -2.6 | 313.5 | 320.1 | 2.1 | 23.2 | 3.3 | 28. |
| 15.2 | 38.5 | 3806.6 | 650.0 | 4.6 | -12.4 | 333.8 | 4.0 | 1.8 | -3.6 | 314.5 | 321.6 | 2.3 | 27.9 | 3.2 | 28. |
| 16.5 | 42.1 | 4125.0 | 625.0 | 2.8 | -13.6 | 332.1 | 6.9 | 2.3 | -4.3 | 315.9 | 321.6 | 1.8 | 24.3 | 3.0 | 27. |
| 17.9 | 45.1 | 4454.1 | 600.0 | 0.5 | -11.9 | 335.6 | 6.1 | 2.5 | -5.6 | 317.0 | 325.0 | 2.6 | 38.9 | 2.9 | 26. |
| 19.2 | 48.1 | 4759.0 | 575.0 | -2.4 | -10.3 | 337.5 | 9.6 | 3.7 | -8.9 | 317.6 | 327.0 | 3.0 | 54.5 | 2.6 | 25. |
| 20.5 | 51.3 | 5145.7 | 550.0 | -4.4 | -12.2 | 340.2 | 11.7 | 4.0 | -11.0 | 319.2 | 327.7 | 2.7 | 54.4 | 2.7 | 23. |
| 21.9 | 54.1 | 5511.2 | 525.0 | -6.6 | -15.4 | 337.2 | 11.8 | 4.6 | -6.9 | 320.7 | 327.7 | 2.2 | 49.3 | 3.1 | 21. |
| 23.4 | 57.1 | 5890.6 | 500.0 | -9.3 | -17.9 | 340.3 | 9.4 | 3.2 | -6.9 | 321.9 | 328.0 | 1.9 | 49.2 | 3.7 | 20. |
| 24.3 | 60.0 | 6245.2 | 475.0 | -12.6 | -21.3 | 324.6 | 7.2 | 4.0 | -6.3 | 322.5 | 327.4 | 1.5 | 48.1 | 4.2 | 19. |
| 26.5 | 64.3 | 6655.8 | 450.0 | -15.8 | -23.9 | 323.9 | 7.9 | 4.6 | -6.4 | 323.5 | 327.6 | 1.2 | 49.7 | 4.7 | 19. |
| 29.1 | 67.4 | 7124.7 | 425.0 | -18.8 | -27.4 | 308.5 | 9.8 | 7.6 | -6.1 | 325.0 | 328.2 | 0.9 | 46.4 | 5.2 | 18. |
| 29.7 | 70.9 | 7574.6 | 400.0 | -20.7 | -30.8 | 294.4 | 12.3 | 11.2 | -5.1 | 328.1 | 329.2 | 0.3 | 16.5 | 5.8 | 17. |
| 31.6 | 74.7 | 8045.5 | 375.0 | -23.8 | -35.0 | 264.9 | 14.5 | 13.0 | -6.6 | 330.1 | 332.0 | 0.5 | 24.5 | 6.7 | 16. |
| 33.4 | 78.8 | 8549.8 | 350.0 | -27.8 | -37.5 | 292.8 | 14.6 | 13.5 | -5.7 | 331.2 | 332.8 | 0.4 | 38.9 | 7.9 | 15. |
| 35.4 | 82.9 | 9077.6 | 325.0 | -32.1 | -40.0 | 290.4 | 14.6 | 13.2 | -6.6 | 332.4 | 333.8 | 0.4 | 45.0 | 9.3 | 14. |
| 37.3 | 87.0 | 9637.1 | 300.0 | -36.9 | -44.9 | 256.8 | 14.6 | 13.0 | -6.6 | 333.3 | 334.1 | 0.2 | 43.0 | 10.8 | 14. |
| 39.6 | 91.8 | 10232.8 | 275.0 | -41.8 | -49.9 | 253.8 | 17.1 | 15.7 | -6.8 | 334.6 | 339.9 | 99.9 | 99.9 | 12.7 | 13. |
| 41.9 | 96.6 | 10871.7 | 250.0 | -46.8 | -54.9 | 292.8 | 22.3 | 20.5 | -6.6 | 336.5 | 339.9 | 99.9 | 99.9 | 15.2 | 13. |
| 44.4 | 101.6 | 11561.2 | 225.0 | -52.6 | -59.9 | 298.1 | 26.0 | 23.0 | -12.3 | 337.5 | 339.9 | 99.9 | 99.9 | 18.8 | 13. |
| 47.2 | 107.5 | 12310.9 | 200.0 | -58.8 | -64.9 | 258.4 | 28.6 | 24.6 | -13.3 | 339.7 | 339.9 | 99.9 | 99.9 | 23.1 | 12. |
| 50.0 | 113.5 | 13138.7 | 175.0 | -64.3 | -69.9 | 292.8 | 28.5 | 26.3 | -11.0 | 343.9 | 339.9 | 99.9 | 99.9 | 27.9 | 12. |
| 53.6 | 120.3 | 14053.6 | 150.0 | -69.2 | -74.9 | 254.5 | 20.1 | 18.3 | -8.3 | 368.4 | 339.9 | 99.9 | 99.9 | 32.8 | 12. |
| 57.4 | 127.7 | 15220.3 | 125.0 | -64.9 | -69.9 | 300.0 | 21.2 | 18.4 | -10.6 | 377.5 | 339.9 | 99.9 | 99.9 | 37.6 | 12. |
| 61.8 | 136.0 | 16543.8 | 100.0 | -70.6 | -74.9 | 279.1 | 15.2 | 15.0 | -2.4 | 391.4 | 339.9 | 99.9 | 99.9 | 41.7 | 12. |
| 67.4 | 144.7 | 18249.5 | 75.0 | -71.2 | -79.9 | 303.9 | 8.5 | 7.0 | -4.7 | 423.7 | 339.9 | 99.9 | 99.9 | 45.3 | 11. |
| 75.2 | 154.3 | 20716.0 | 50.0 | -60.6 | -69.9 | 18.0 | 3.0 | -0.8 | -2.9 | 500.8 | 339.9 | 99.9 | 99.9 | 46.1 | 12. |
| 87.3 | 164.3 | 23159.9 | 25.0 | -52.9 | -59.9 | 50.9 | 5.3 | -4.1 | -3.4 | 633.1 | 339.9 | 99.9 | 99.9 | 45.6 | 12. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 213
WAYCROSS, GA24 APRIL 1975
1503 GMT

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 3.3 | 44.0 | 1017.4 | 24.7 | 15.1 | 180.0 | 0.0 | 5.1 | 297.8 | 320.2 | 10.7 | 55.0 | 0.0 | 0. |
| 0.4 | 4.6 | 195.2 | 1000.0 | 23.3 | 15.0 | 181.0 | 0.0 | 1.2 | 297.9 | 320.7 | 10.8 | 59.9 | 0.3 | 8. |
| 0.8 | 6.3 | 415.5 | 975.0 | 20.7 | 13.2 | 181.4 | 0.1 | 3.5 | 297.3 | 323.5 | 9.9 | 62.1 | 0.4 | 7. |
| 1.4 | 8.3 | 639.4 | 950.0 | 18.3 | 12.8 | 185.2 | 0.5 | 6.0 | 297.1 | 323.3 | 9.9 | 70.7 | 0.5 | 6. |
| 2.1 | 10.3 | 867.5 | 925.0 | 15.9 | 11.9 | 195.7 | 0.2 | 1.7 | 296.8 | 322.1 | 9.5 | 77.1 | 0.8 | 7. |
| 3.0 | 12.3 | 1055.9 | 900.0 | 14.5 | 9.5 | 200.8 | 0.2 | 2.2 | 297.4 | 318.1 | 8.9 | 59.8 | 1.1 | 11. |
| 3.8 | 14.3 | 1334.3 | 875.0 | 14.5 | 7.7 | 203.8 | 0.6 | 4.2 | 296.9 | 320.6 | 7.6 | 63.9 | 1.4 | 12. |
| 4.7 | 16.3 | 1582.7 | 850.0 | 12.5 | 6.8 | 224.8 | 1.9 | 3.6 | 300.3 | 323.3 | 8.4 | 78.6 | 1.6 | 15. |
| 5.6 | 18.5 | 1833.3 | 825.0 | 11.5 | 2.2 | 264.4 | 4.1 | 4.0 | 301.6 | 318.9 | 6.3 | 60.7 | 1.9 | 21. |
| 6.5 | 20.6 | 2090.8 | 800.0 | 12.0 | -18.8 | 242.5 | 2.4 | 1.1 | 304.1 | 307.8 | 1.2 | 10.8 | 1.9 | 26. |
| 7.5 | 22.7 | 2155.5 | 775.0 | 11.0 | -18.7 | 210.5 | 1.3 | 2.2 | 315.8 | 309.4 | 1.1 | 10.7 | 2.1 | 27. |
| 8.3 | 25.1 | 2627.7 | 750.0 | 8.8 | -14.4 | 164.5 | 0.5 | -0.5 | 306.7 | 320.0 | 4.6 | 48.7 | 2.2 | 25. |
| 9.4 | 27.2 | 2907.7 | 725.0 | 7.1 | -1.1 | 25.1 | 0.5 | -0.2 | 307.4 | 324.0 | 4.9 | 55.9 | 2.2 | 24. |
| 10.4 | 29.7 | 3195.7 | 700.0 | 4.9 | -1.7 | 328.3 | 1.7 | 0.9 | 308.5 | 324.6 | 4.9 | 62.4 | 2.1 | 26. |
| 11.5 | 32.2 | 3492.1 | 675.0 | 3.7 | -2.2 | 308.9 | 2.5 | 2.0 | 310.5 | 328.6 | 4.8 | 65.0 | 2.1 | 29. |
| 12.6 | 34.7 | 3798.0 | 650.0 | 1.9 | -2.1 | 317.4 | 4.6 | 3.1 | 312.4 | 326.6 | 5.1 | 74.8 | 2.0 | 35. |
| 13.7 | 37.1 | 4113.9 | 625.0 | 0.9 | -6.1 | 316.7 | 6.3 | 4.3 | 313.9 | 325.7 | 3.9 | 59.7 | 2.0 | 46. |
| 15.0 | 39.6 | 4441.3 | 600.0 | -1.0 | -8.4 | 311.9 | 7.5 | 5.6 | 315.4 | 325.7 | 3.4 | 57.2 | 2.3 | 74. |
| 16.1 | 42.0 | 4779.7 | 575.0 | -3.2 | -10.2 | 307.6 | 8.7 | 6.9 | 316.6 | 326.1 | 3.1 | 58.5 | 2.3 | 60. |
| 17.4 | 44.3 | 5127.9 | 550.0 | -6. | -11.9 | 311.3 | 8.8 | 6.6 | 317.1 | 325.9 | 2.8 | 64.3 | 2.7 | 85. |
| 18.6 | 47.3 | 5452.4 | 525.0 | -8.9 | -13.9 | 307.5 | 10.2 | 4.1 | 318.0 | 325.7 | 2.5 | 66.9 | 3.7 | 94. |
| 19.9 | 50.7 | 5804.8 | 500.0 | -11.1 | -23.9 | 293.8 | 10.6 | 9.7 | 319.7 | 324.4 | 1.5 | 44.5 | 4.0 | 100. |
| 21.3 | 53.7 | 6211.0 | 475.0 | -13.4 | -23.3 | 281.6 | 12.1 | 11.9 | 321.5 | 325.7 | 1.3 | 44.1 | 4.4 | 101. |
| 22.8 | 56.7 | 6670.4 | 450.0 | -16.2 | -23.6 | 285.3 | 13.7 | 13.2 | 322.9 | 327.1 | 1.3 | 52.7 | 6.0 | 101. |
| 24.2 | 60.0 | 7094.4 | 425.0 | -19.1 | -25.5 | 289.3 | 15.7 | 14.5 | 324.5 | 328.3 | 1.1 | 56.5 | 7.3 | 102. |
| 25.8 | 63.4 | 7546.9 | 400.0 | -22.2 | -29.3 | 285.7 | 18.9 | 18.2 | 326.1 | 329.0 | 0.8 | 52.7 | 9.0 | 103. |
| 27.3 | 66.9 | 8018.3 | 375.0 | -25.7 | -34.7 | 284.9 | 19.4 | 18.8 | 327.5 | 329.4 | 0.5 | 42.6 | 10.6 | 103. |
| 29.1 | 70.6 | 8515.0 | 350.0 | -29.3 | -43.5 | 282.7 | 20.4 | 18.9 | 328.2 | 330.1 | 0.2 | 23.7 | 12.9 | 103. |
| 31.0 | 74.3 | 9040.4 | 325.0 | -33.0 | -48.1 | 285.4 | 21.4 | 20.7 | 331.1 | 331.7 | 0.1 | 20.1 | 15.1 | 104. |
| 33.0 | 78.7 | 9577.9 | 300.0 | -37.9 | -51.0 | 286.6 | 22.7 | 21.3 | 331.9 | 332.3 | 0.1 | 23.7 | 17.3 | 104. |
| 35.1 | 82.8 | 10190.7 | 275.0 | -43.0 | -58.9 | 280.7 | 23.2 | 21.7 | 332.7 | 332.9 | 99.9 | 99.9 | 20.8 | 105. |
| 37.2 | 87.4 | 10827.2 | 250.0 | -47.3 | -68.9 | 285.5 | 27.0 | 25.8 | 335.7 | 335.9 | 99.9 | 99.9 | 23.9 | 105. |
| 39.4 | 92.5 | 11514.5 | 225.0 | -53.2 | -93.9 | 285.3 | 30.5 | 28.4 | 337.0 | 337.0 | 99.9 | 99.9 | 27.5 | 106. |
| 42.0 | 97.2 | 12264.7 | 200.0 | -58.3 | -99.9 | 280.4 | 33.6 | 33.1 | 340.5 | 339.9 | 99.9 | 99.9 | 32.8 | 105. |
| 44.8 | 103.8 | 13097.8 | 175.0 | -60.9 | -98.9 | 284.2 | 32.1 | 31.1 | 348.5 | 339.9 | 99.9 | 99.9 | 37.8 | 104. |
| 47.1 | 110.5 | 14056.5 | 150.0 | -68.1 | -98.9 | 282.7 | 26.3 | 25.7 | 350.6 | 339.9 | 99.9 | 99.9 | 43.5 | 104. |
| 49.4 | 117.4 | 15189.3 | 125.0 | -63.1 | -98.9 | 280.1 | 23.8 | 23.5 | 358.8 | 339.9 | 99.9 | 99.9 | 48.6 | 104. |
| 51.9 | 126.7 | 16551.4 | 100.0 | -67.3 | -98.9 | 271.9 | 12.6 | 11.7 | 397.8 | 339.9 | 99.9 | 99.9 | 54.4 | 104. |
| 54.3 | 137.3 | 18269.4 | 75.0 | -70.9 | -98.9 | 299.4 | 9.9 | 8.6 | 428.2 | 339.9 | 99.9 | 99.9 | 58.3 | 104. |
| 59.5 | 145.0 | 23751.5 | 50.0 | -56.0 | -98.9 | 66.7 | 7.8 | -7.2 | 508.4 | 339.9 | 99.9 | 99.9 | 59.8 | 106. |
| 81.3 | 161.0 | 25209.9 | 25.0 | -50.5 | -98.9 | 212.2 | 0.9 | 0.7 | 639.5 | 339.9 | 99.9 | 99.9 | 60.3 | 106. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 220
APALACHICOLA, FLA

26 APRIL 1975
1430 GMT

| TIME MIN | CATCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.6 | 11.0 | 1021.5 | 23.0 | 19.2 | 160.0 | 6.2 | -2.1 | 5.0 | 296.2 | 332.3 | 13.8 | 79.0 | 0.0 | 0. |
| 0.8 | 6.2 | 195.8 | 1000.0 | 20.0 | 16.2 | 172.0 | 11.0 | -1.5 | 10.9 | 294.8 | 325.3 | 11.7 | 78.6 | 0.4 | 349. |
| 1.6 | 6.3 | 414.1 | 975.0 | 18.9 | 13.9 | 183.7 | 12.2 | 0.8 | 18.2 | 295.5 | 322.7 | 10.3 | 72.8 | 1.0 | 353. |
| 2.4 | 10.5 | 637.6 | 950.0 | 18.4 | 12.4 | 196.5 | 9.4 | 1.4 | 5.3 | 297.1 | 322.7 | 9.6 | 68.3 | 1.5 | 359. |
| 3.2 | 12.5 | 860.1 | 925.0 | 17.1 | 13.2 | 185.2 | 6.1 | 0.6 | 6.1 | 298.2 | 326.0 | 10.4 | 78.1 | 1.9 | 0. |
| 4.0 | 14.7 | 1095.8 | 900.0 | 15.3 | 12.6 | 158.5 | 4.9 | 1.6 | 4.6 | 298.7 | 326.2 | 10.3 | 83.8 | 2.1 | 1. |
| 4.9 | 16.8 | 1338.8 | 875.0 | 14.3 | 10.7 | 223.6 | 5.3 | 3.6 | 3.8 | 295.9 | 324.9 | 9.3 | 78.7 | 2.4 | 5. |
| 5.9 | 19.1 | 1567.4 | 850.0 | 12.6 | 8.5 | 221.8 | 4.4 | 2.9 | 3.2 | 300.5 | 323.0 | 8.3 | 76.1 | 2.6 | 10. |
| 6.8 | 21.3 | 1834.9 | 825.0 | 14.1 | -2.9 | 213.4 | 1.5 | 0.8 | 1.2 | 304.0 | 315.2 | 3.9 | 31.6 | 2.7 | 11. |
| 7.8 | 23.7 | 2094.2 | 800.0 | 13.0 | 3.1 | 168.0 | 0.9 | -0.2 | 0.9 | 305.8 | 322.8 | 6.0 | 50.8 | 2.7 | 11. |
| 8.7 | 26.0 | 2350.3 | 775.0 | 11.3 | 0.5 | 161.2 | 2.4 | -0.8 | 2.3 | 306.6 | 321.4 | 5.1 | 47.4 | 2.8 | 10. |
| 9.7 | 28.4 | 2633.4 | 750.0 | 9.3 | -2.8 | 176.0 | 3.2 | -0.2 | 3.2 | 307.3 | 319.4 | 4.2 | 42.3 | 3.0 | 9. |
| 10.8 | 31.0 | 2914.1 | 72.0 | 8.4 | -3.3 | 210.5 | 2.7 | 1.4 | 2.3 | 309.2 | 321.4 | 4.2 | 43.7 | 3.2 | 9. |
| 11.9 | 33.6 | 3203.4 | 700.0 | 6.4 | -5.9 | 263.0 | 2.0 | 2.0 | 0.2 | 310.0 | 320.5 | 3.5 | 41.0 | 3.3 | 11. |
| 13.0 | 36.1 | 3501.1 | 675.0 | 5.6 | -7.8 | 326.6 | 3.2 | 1.8 | -2.7 | 312.3 | 321.9 | 3.2 | 37.4 | 3.3 | 13. |
| 14.3 | 38.5 | 3828.7 | 650.0 | 3.3 | -6.3 | 347.3 | 6.0 | 1.3 | -3.8 | 313.4 | 323.3 | 3.7 | 49.3 | 3.0 | 17. |
| 15.5 | 41.4 | 4125.9 | 625.0 | 1.4 | -10.5 | 334.8 | 8.2 | 3.5 | -7.5 | 315.1 | 324.1 | 2.7 | 40.4 | 2.6 | 22. |
| 16.7 | 44.3 | 4453.2 | 600.0 | -1.2 | -11.3 | 332.4 | 11.0 | 5.1 | -9.8 | 315.3 | 324.1 | 2.9 | 45.8 | 2.2 | 39. |
| 17.9 | 47.3 | 4790.9 | 575.0 | -4.3 | -11.1 | 344.4 | 11.9 | 3.2 | -11.5 | 315.3 | 324.1 | 2.8 | 67.9 | 1.9 | 54. |
| 19.2 | 50.2 | 5140.0 | 550.0 | -6.7 | -11.7 | 336.9 | 11.0 | 4.3 | -10.1 | 316.4 | 325.2 | 2.8 | 67.9 | 1.9 | 54. |
| 20.5 | 53.1 | 5502.4 | 525.0 | -9.6 | -14.2 | 329.9 | 11.6 | 5.8 | -10.0 | 318.3 | 326.0 | 2.4 | 64.1 | 2.4 | 106. |
| 22.0 | 56.1 | 5875.6 | 500.0 | -10.4 | -17.5 | 313.8 | 11.6 | 4.5 | -8.2 | 320.6 | 326.8 | 1.9 | 55.6 | 3.3 | 117. |
| 23.5 | 59.5 | 6272.8 | 475.0 | -13.3 | -20.1 | 303.4 | 11.9 | 9.9 | -6.5 | 321.6 | 326.9 | 1.6 | 56.4 | 4.4 | 115. |
| 25.0 | 62.9 | 6681.7 | 450.0 | -16.6 | -23.5 | 305.7 | 13.4 | 10.9 | -7.8 | 322.5 | 326.7 | 1.3 | 55.1 | 5.3 | 120. |
| 26.5 | 66.3 | 7104.8 | 425.0 | -20.0 | -25.0 | 312.7 | 14.9 | 11.0 | -10.1 | 323.4 | 327.3 | 1.2 | 64.4 | 6.8 | 122. |
| 28.1 | 70.0 | 7555.5 | 400.0 | -23.3 | -28.3 | 302.6 | 16.0 | 12.5 | -10.0 | 324.7 | 327.9 | 0.9 | 63.3 | 6.3 | 124. |
| 29.9 | 73.6 | 8076.2 | 375.0 | -25.6 | -36.1 | 304.1 | 15.4 | 12.8 | -8.6 | 327.7 | 329.3 | 0.5 | 36.5 | 9.9 | 124. |
| 31.7 | 77.5 | 8521.1 | 350.0 | -28.1 | -41.4 | 301.3 | 19.0 | 16.2 | -9.9 | 329.5 | 330.6 | 0.3 | 26.1 | 11.8 | 124. |
| 33.6 | 81.5 | 9044.0 | 325.0 | -31.1 | -47.7 | 302.4 | 20.3 | 17.0 | -11.0 | 331.1 | 331.7 | 0.2 | 21.3 | 14.0 | 124. |
| 35.6 | 85.7 | 9594.0 | 300.0 | -34.0 | -51.4 | 304.2 | 20.8 | 17.2 | -11.7 | 332.7 | 333.2 | 0.1 | 21.0 | 16.5 | 124. |
| 37.8 | 90.3 | 10200.0 | 275.0 | -36.9 | -54.9 | 301.3 | 23.1 | 19.7 | -12.0 | 333.5 | 333.5 | 99.9 | 99.9 | 19.4 | 124. |
| 40.1 | 95.2 | 10840.0 | 250.0 | -39.2 | -58.9 | 294.3 | 24.2 | 21.4 | -11.4 | 334.5 | 334.5 | 99.9 | 99.9 | 22.1 | 123. |
| 42.7 | 100.2 | 11500.0 | 225.0 | -41.6 | -62.9 | 288.6 | 23.8 | 22.6 | -7.7 | 336.7 | 336.7 | 99.9 | 99.9 | 25.1 | 122. |
| 45.0 | 105.6 | 12200.0 | 200.0 | -43.9 | -65.9 | 287.8 | 24.0 | 23.3 | -10.4 | 339.9 | 339.9 | 99.9 | 99.9 | 29.9 | 120. |
| 47.8 | 111.5 | 13100.0 | 175.0 | -46.3 | -68.9 | 289.9 | 29.9 | 28.2 | -10.2 | 345.5 | 345.5 | 99.9 | 99.9 | 35.9 | 118. |
| 51.4 | 116.0 | 14001 | 150.0 | -50.4 | -73.9 | 302.8 | 23.4 | 19.7 | -12.7 | 366.0 | 366.0 | 99.9 | 99.9 | 41.0 | 119. |
| 55.4 | 125.5 | 15100.5 | 125.0 | -56.7 | -80.9 | 264.6 | 19.2 | 18.6 | -4.8 | 374.2 | 374.2 | 99.9 | 99.9 | 45.9 | 119. |
| 60.3 | 133.5 | 16500.0 | 100.0 | -69.6 | -99.9 | 297.3 | 18.0 | 16.0 | -4.3 | 393.3 | 393.3 | 99.9 | 99.9 | 52.4 | 118. |
| 65.1 | 141.7 | 18227.7 | 75.0 | -87.8 | -99.9 | 305.7 | 7.1 | 5.4 | -4.5 | 430.9 | 430.9 | 99.9 | 99.9 | 54.0 | 114. |
| 70.5 | 150.3 | 20730.2 | 50.0 | -97.5 | -99.9 | 346.6 | 9.9 | 1.4 | -5.7 | 508.0 | 508.0 | 99.9 | 99.9 | 56.7 | 120. |
| 82.7 | 159.5 | 25496.6 | 25.0 | -51.6 | -99.9 | 61.3 | 3.2 | -2.8 | -1.5 | 636.4 | 636.4 | 99.9 | 99.9 | 57.2 | 121. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 226
CENTERVILLE, ALA24 APRIL 1975
1435 GMT

162 15. 0

| TIME MIN | CNTCY | HEIGHT CM | PHES MB | TEMP °C | DEW PT °C | C/D L | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PGT T OG K | E POT T OG K | MR RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|--------------|------------|------------|--------------|----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.9 | 140.0 | 1003.9 | 19.0 | 17.0 | 180.0 | 9.1 | 0.0 | 9.1 | 293.5 | 325.9 | 12.5 | 90.0 | 0.0 | 0.0 |
| 0.2 | 6.3 | 173.6 | 1000.0 | 18.3 | 16.7 | 180.0 | 9.3 | 1.4 | 9.2 | 293.1 | 324.3 | 12.1 | 90.4 | 0.2 | 1.0 |
| 0.7 | 6.6 | 390.6 | 975.0 | 16.8 | 16.0 | 192.1 | 10.1 | 2.1 | 9.8 | 293.6 | 324.3 | 11.8 | 95.1 | 0.3 | 1.0 |
| 1.4 | 10.3 | 612.4 | 950.0 | 16.0 | 15.2 | 209.7 | 13.7 | 6.8 | 11.9 | 294.9 | 325.0 | 11.5 | 95.0 | 0.4 | 1.0 |
| 2.3 | 12.3 | 839.6 | 925.0 | 15.2 | 12.7 | 223.4 | 16.3 | 11.7 | 11.9 | 297.7 | 322.8 | 10.1 | 85.0 | 1.0 | 2.7 |
| 3.0 | 15.6 | 1072.3 | 900.0 | 14.9 | 11.5 | 225.4 | 15.7 | 11.3 | 11.1 | 297.1 | 323.6 | 9.5 | 80.2 | 2.1 | 3.1 |
| 3.9 | 19.1 | 1211.1 | 875.0 | 14.4 | 11.8 | 232.4 | 13.5 | 10.7 | 9.3 | 300.1 | 327.1 | 10.0 | 84.8 | 3.1 | 3.7 |
| 4.7 | 20.4 | 1576.0 | 850.0 | 12.6 | 11.2 | 237.1 | 14.6 | 12.3 | 7.0 | 307.0 | 317.3 | 9.9 | 91.0 | 3.7 | 4.0 |
| 5.4 | 22.9 | 1806.1 | 825.0 | 11.0 | 9.6 | 241.4 | 13.6 | 11.9 | 6.5 | 301.4 | 317.3 | 9.2 | 90.9 | 4.4 | 4.1 |
| 6.5 | 25.5 | 2061.4 | 800.0 | 9.6 | 8.0 | 244.1 | 14.7 | 13.3 | 6.4 | 302.4 | 317.3 | 8.4 | 86.8 | 5.2 | 4.7 |
| 7.5 | 28.0 | 2326.7 | 775.0 | 7.6 | 6.3 | 242.7 | 15.1 | 13.4 | 6.9 | 303.0 | 317.3 | 7.8 | 91.3 | 5.2 | 4.7 |
| 8.3 | 30.7 | 2595.7 | 750.0 | 6.0 | 4.9 | 240.3 | 15.7 | 13.6 | 7.4 | 304.1 | 317.3 | 7.3 | 92.2 | 6.7 | 5.0 |
| 9.1 | 33.4 | 2873.7 | 725.0 | 5.7 | -23.5 | 239.4 | 15.1 | 13.3 | 7.7 | 305.4 | 317.3 | 6.4 | 10.4 | 7.4 | 5.1 |
| 10.1 | 36.0 | 3162.5 | 700.0 | 7.4 | -19.4 | 245.3 | 16.1 | 14.7 | 6.5 | 310.9 | 317.3 | 1.2 | 12.7 | 8.1 | 5.2 |
| 11.0 | 38.9 | 3447.6 | 675.0 | 5.4 | -15.1 | 253.3 | 18.1 | 17.5 | 4.6 | 311.9 | 317.3 | 1.7 | 21.0 | 9.2 | 5.2 |
| 12.0 | 41.6 | 3767.6 | 650.0 | 2.7 | -16.5 | 257.8 | 20.0 | 19.6 | 4.5 | 312.1 | 317.3 | 1.6 | 22.6 | 10.3 | 5.2 |
| 13.0 | 44.5 | 4083.3 | 625.0 | 0.2 | -14.3 | 262.1 | 19.8 | 19.7 | 4.7 | 312.1 | 317.3 | 1.7 | 27.7 | 11.5 | 5.2 |
| 14.0 | 47.5 | 4409.0 | 600.0 | -2.3 | -16.7 | 270.1 | 20.1 | 20.1 | -6.1 | 313.7 | 317.3 | 1.7 | 32.0 | 12.5 | 5.1 |
| 15.1 | 50.5 | 4745.6 | 575.0 | -4.8 | -10.7 | 274.9 | 19.9 | 16.6 | -3.2 | 314.7 | 323.7 | 2.9 | 63.6 | 13.7 | 5.0 |
| 16.3 | 53.5 | 5093.6 | 550.0 | -7.6 | -11.6 | 280.6 | 16.3 | 16.0 | -3.0 | 315.4 | 324.2 | 2.9 | 73.0 | 14.4 | 6.0 |
| 17.4 | 56.6 | 5448.2 | 525.0 | -10.2 | -17.5 | 290.4 | 19.1 | 18.8 | -3.5 | 316.3 | 324.2 | 1.8 | 54.9 | 15.7 | 7.0 |
| 18.4 | 60.3 | 5827.6 | 500.0 | -13.8 | -23.7 | 295.7 | 20.2 | 19.3 | -5.8 | 316.3 | 320.0 | 1.1 | 42.9 | 17.0 | 7.0 |
| 19.9 | 63.4 | 6216.0 | 475.0 | -15.4 | -47.5 | 277.7 | 20.4 | 20.3 | -2.7 | 318.9 | 320.0 | 0.3 | 14.0 | 18.2 | 7.0 |
| 21.5 | 66.7 | 6622.9 | 450.0 | -17.3 | -60.7 | 271.9 | 20.6 | 20.6 | -6.7 | 321.4 | 321.4 | 0.0 | 1.0 | 20.2 | 7.0 |
| 22.9 | 70.2 | 7045.0 | 425.0 | -20.4 | -62.9 | 276.0 | 19.4 | 19.1 | -1.9 | 324.8 | 322.9 | 0.0 | 1.0 | 21.6 | 7.0 |
| 24.8 | 73.9 | 7498.4 | 400.0 | -24.1 | -65.3 | 277.1 | 17.4 | 17.7 | -1.2 | 323.6 | 323.7 | 0.0 | 1.0 | 23.2 | 7.0 |
| 26.0 | 77.7 | 7945.0 | 375.0 | -27.8 | -65.3 | 275.6 | 21.1 | 21.0 | -2.1 | 324.7 | 325.0 | 0.1 | 7.0 | 24.9 | 8.0 |
| 27.5 | 81.9 | 8413.7 | 350.0 | -32.0 | -63.8 | 275.9 | 21.4 | 21.3 | -2.2 | 324.6 | 325.8 | 0.1 | 9.7 | 26.4 | 8.0 |
| 29.1 | 85.9 | 8972.4 | 325.0 | -36.5 | -43.3 | 268.3 | 20.6 | 20.6 | 0.0 | 320.3 | 327.3 | 0.2 | 49.1 | 28.7 | 8.0 |
| 30.7 | 89.8 | 9522.2 | 300.0 | -41.1 | 59.9 | 264.4 | 24.7 | 24.5 | 2.4 | 327.5 | 997.9 | 99.9 | 95.9 | 31.3 | 4.1 |
| 32.9 | 94.6 | 10117.3 | 275.0 | -46.2 | 99.9 | 266.4 | 26.2 | 26.2 | 0.8 | 328.4 | 997.9 | 99.9 | 99.9 | 34.6 | 4.1 |
| 35.1 | 99.2 | 10732.8 | 250.0 | -51.9 | 99.9 | 271.5 | 24.9 | 24.9 | -0.7 | 328.4 | 997.9 | 99.9 | 99.9 | 34.2 | 4.1 |
| 37.4 | 104.3 | 11415.2 | 225.0 | -55.2 | 99.9 | 283.7 | 27.2 | 26.4 | -4.4 | 333.9 | 999.9 | 99.9 | 99.9 | 41.4 | 8.0 |
| 40.1 | 109.4 | 12157.4 | 200.0 | -58.2 | 99.9 | 285.4 | 27.3 | 26.4 | -7.3 | 340.6 | 999.9 | 99.9 | 99.9 | 46.5 | 8.7 |
| 43.4 | 115.6 | 12999.6 | 175.0 | -59.8 | 99.9 | 287.4 | 28.0 | 28.6 | 1.3 | 351.3 | 999.9 | 99.9 | 99.9 | 51.5 | 4.7 |
| 47.2 | 122.3 | 13956.4 | 150.0 | -59.2 | 59.9 | 274.9 | 30.5 | 30.4 | -1.5 | 360.1 | 999.9 | 99.9 | 99.9 | 57.3 | 4.6 |
| 51.6 | 129.3 | 15057.9 | 125.0 | -62.7 | 59.9 | 276.8 | 22.5 | 22.3 | -2.6 | 361.5 | 999.9 | 99.9 | 99.9 | 65.2 | 4.0 |
| 56.7 | 137.0 | 16488.4 | 100.0 | -66.7 | 99.9 | 265.5 | 21.6 | 21.6 | 0.2 | 395.0 | 999.9 | 99.9 | 99.9 | 72.1 | 1.0 |
| 62.5 | 144.7 | 18165.3 | 75.0 | -69.9 | 99.9 | 272.1 | 17.8 | 17.8 | -0.6 | 428.4 | 999.9 | 99.9 | 99.9 | 77.1 | 9.0 |
| 71.2 | 153.1 | 20663.2 | 50.0 | -70.5 | 99.9 | 78.7 | 3.1 | -3.1 | -0.6 | 500.0 | 999.9 | 99.9 | 99.9 | 79.0 | 9.0 |
| 84.5 | 162.1 | 25656.2 | 25.0 | -71.1 | 99.9 | 149.1 | 0.3 | -0.2 | 0.3 | 638.0 | 999.9 | 99.9 | 99.9 | 79.4 | 9.1 |

* PV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN C DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 232
BOOTHVILLE, LA24 APRIL 1975
1:15 GMT

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | OUT Y DEG K | E POT Y DEG K | WIND CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|---------------|-----------|-------------|-----------|
| 0.0 | 4.9 | 1.0 | 1018.8 | 24.3 | 22.6 | 0.0 | 4.0 | -2.3 | 4.0 | 298.2 | 342.9 | 17.2 | 90.1 | 0.0 | 0.0 |
| 0.6 | 6.3 | 14.1 | 1000.0 | 22.5 | 21.3 | 13.6 | 10.8 | -3.1 | 10.7 | 297.6 | 340.1 | 16.2 | 93.2 | 0.3 | 34.0 |
| 1.4 | 6.4 | 16.0 | 950.0 | 21.3 | 19.9 | 174.4 | 11.2 | -1.1 | 11.1 | 296.8 | 338.5 | 15.2 | 92.1 | 0.9 | 34.5 |
| 2.1 | 15.9 | 10.3 | 950.0 | 19.5 | 18.2 | 181.3 | 11.7 | 0.3 | 11.7 | 296.8 | 338.5 | 14.0 | 92.5 | 1.3 | 35.0 |
| 2.9 | 13.1 | 4.0 | 925.0 | 19.4 | 16.3 | 183.4 | 11.5 | 0.7 | 11.4 | 295.6 | 337.7 | 12.8 | 92.7 | 1.9 | 35.5 |
| 3.8 | 15.4 | 4.75 | 900.0 | 17.5 | 10.5 | 183.8 | 9.6 | 0.6 | 9.6 | 310.7 | 325.0 | 8.9 | 63.8 | 2.4 | 35.7 |
| 4.7 | 17.5 | 131.5 | 875.0 | 18.0 | 5.6 | 191.3 | 7.9 | 1.5 | 7.7 | 30.4 | 321.7 | 4.5 | 44.8 | 2.9 | 35.8 |
| 5.5 | 20.1 | 154.1 | 850.0 | 16.7 | 4.2 | 201.8 | 7.7 | 2.9 | 7.1 | 30.5 | 321.6 | 6.1 | 43.3 | 3.2 | 3.0 |
| 6.5 | 22.4 | 181.1 | 825.0 | 15.4 | 2.7 | 203.9 | 7.7 | 3.1 | 7.1 | 305.7 | 321.7 | 5.6 | 42.2 | 3.7 | 3.0 |
| 7.4 | 24.9 | 207.2 | 800.0 | 13.4 | 0.0 | 208.1 | 7.5 | 3.5 | 6.6 | 306.1 | 319.9 | 4.8 | 39.8 | 4.0 | 5.0 |
| 8.4 | 27.2 | 234.9 | 775.0 | 12.3 | -2.3 | 217.6 | 6.3 | 5.1 | 5.6 | 307.6 | 319.9 | 4.2 | 36.0 | 4.5 | 5.0 |
| 9.5 | 29.3 | 261.2 | 750.0 | 11.6 | -12.9 | 225.1 | 6.5 | 4.6 | 4.6 | 308.4 | 315.2 | 3.0 | 36.0 | 4.9 | 1.0 |
| 10.5 | 32.6 | 290.4 | 725.0 | 11.7 | -15.6 | 242.0 | 2.8 | 2.5 | 1.3 | 312.5 | 317.4 | 1.6 | 17.2 | 5.1 | 1.0 |
| 11.5 | 35.2 | 316.9 | 700.0 | 10.4 | -13.1 | 249.9 | 2.2 | 1.9 | 1.3 | 315.2 | 320.2 | 1.9 | 16.8 | 5.2 | 1.5 |
| 12.6 | 37.8 | 343.9 | 675.0 | 7.6 | -15.6 | 320.2 | 2.6 | 1.6 | -2.0 | 316.6 | 319.9 | 1.7 | 17.1 | 5.1 | 1.0 |
| 13.8 | 40.5 | 370.5 | 650.0 | 5.1 | -15.9 | 314.0 | 2.9 | 2.1 | -2.0 | 318.9 | 320.3 | 1.7 | 20.2 | 5.0 | 1.5 |
| 15.0 | 43.1 | 412.5 | 625.0 | 2.2 | -15.5 | 315.7 | 3.2 | 2.2 | -2.3 | 315.2 | 321.0 | 1.8 | 25.6 | 4.9 | 2.1 |
| 16.3 | 45.2 | 445.1 | 600.0 | -1.2 | -14.5 | 323.1 | 4.3 | 2.5 | -3.4 | 315.0 | 321.5 | 2.1 | 35.4 | 4.9 | 2.3 |
| 17.5 | 48.1 | 478.8 | 575.0 | -4.3 | -12.6 | 323.1 | 4.5 | 2.7 | -2.6 | 315.2 | 321.1 | 2.5 | 52.5 | 4.6 | 2.7 |
| 18.7 | 51.1 | 513.5 | 550.0 | -7.2 | -12.6 | 304.9 | 4.0 | 3.8 | -1.0 | 315.9 | 324.0 | 2.6 | 65.1 | 4.5 | 3.0 |
| 19.9 | 53.9 | 549.1 | 525.0 | -9.2 | -12.8 | 268.6 | 6.2 | 6.2 | 0.0 | 317.7 | 326.2 | 2.7 | 75.2 | 4.7 | 3.0 |
| 21.1 | 57.3 | 587.5 | 500.0 | -11.9 | -15.3 | 268.6 | 7.7 | 7.7 | 0.2 | 318.8 | 326.2 | 2.7 | 75.2 | 4.7 | 3.0 |
| 22.3 | 61.3 | 625.6 | 475.0 | -14.4 | -22.3 | 262.2 | 9.7 | 9.6 | 1.3 | 320.3 | 324.8 | 1.4 | 53.7 | 5.5 | 4.0 |
| 23.5 | 65.9 | 667.5 | 450.0 | -15.7 | -25.3 | 268.0 | 12.5 | 12.5 | 0.4 | 323.6 | 327.2 | 1.1 | 43.4 | 6.3 | 5.0 |
| 24.8 | 69.1 | 710.5 | 425.0 | -17.8 | -28.0 | 268.0 | 14.9 | 14.9 | 0.4 | 326.2 | 329.3 | 0.9 | 40.3 | 7.4 | 5.0 |
| 26.0 | 72.4 | 755.1 | 400.0 | -21.5 | -31.0 | 270.0 | 16.2 | 16.2 | -0.1 | 327.1 | 329.6 | 0.7 | 41.7 | 8.0 | 5.2 |
| 27.2 | 75.4 | 802.1 | 375.0 | -25.0 | -32.4 | 270.0 | 19.1 | 19.1 | -1.3 | 327.4 | 329.8 | 0.7 | 53.9 | 10.5 | 6.7 |
| 28.6 | 78.2 | 852.6 | 350.0 | -24.3 | -45.0 | 270.1 | 21.0 | 21.0 | -0.0 | 330.5 | 331.2 | 0.2 | 18.2 | 12.3 | 7.0 |
| 29.3 | 82.3 | 904.3 | 325.0 | -33.5 | -47.5 | 277.2 | 20.7 | 20.6 | -2.6 | 330.4 | 331.0 | 0.2 | 24.2 | 14.3 | 7.0 |
| 30.3 | 87.3 | 950.5 | 300.0 | -37.6 | -48.2 | 285.2 | 27.2 | 26.3 | -7.2 | 332.2 | 332.8 | 0.2 | 31.8 | 16.9 | 7.0 |
| 31.3 | 92.0 | 1020.5 | 275.0 | -41.4 | -50.9 | 274.4 | 31.6 | 31.7 | -2.5 | 335.2 | 335.9 | 99.9 | 99.9 | 20.4 | 7.0 |
| 32.7 | 96.4 | 1081.0 | 250.0 | -46.7 | -50.9 | 276.8 | 31.5 | 31.3 | -3.7 | 336.7 | 336.9 | 99.9 | 99.9 | 24.8 | 7.0 |
| 34.0 | 101.5 | 1151.1 | 225.0 | -52.5 | -50.9 | 281.3 | 33.5 | 32.8 | -6.9 | 338.0 | 338.9 | 99.9 | 99.9 | 29.1 | 7.0 |
| 35.5 | 107.2 | 1221.5 | 200.0 | -58.5 | -50.9 | 284.0 | 30.9 | 30.8 | -2.2 | 340.1 | 339.9 | 99.9 | 99.9 | 34.0 | 7.0 |
| 36.3 | 113.0 | 1310.1 | 175.0 | -64.8 | -50.9 | 271.7 | 27.1 | 27.1 | -0.6 | 343.0 | 339.9 | 99.9 | 99.9 | 38.9 | 7.0 |
| 37.8 | 119.7 | 1405.8 | 150.0 | -60.6 | -50.9 | 276.3 | 31.3 | 31.1 | -3.4 | 345.8 | 339.9 | 99.9 | 99.9 | 45.5 | 7.0 |
| 39.9 | 127.0 | 1518.0 | 125.0 | -63.3 | -50.9 | 272.6 | 22.5 | 22.5 | -1.0 | 348.3 | 339.9 | 99.9 | 99.9 | 51.7 | 7.0 |
| 41.0 | 135.0 | 1635.6 | 100.0 | -69.8 | -50.9 | 274.1 | 14.4 | 14.4 | -1.0 | 352.9 | 339.9 | 99.9 | 99.9 | 57.3 | 7.0 |
| 43.5 | 143.2 | 1823.1 | 75.0 | -70.0 | -50.9 | 240.8 | 5.8 | 5.8 | -2.8 | 426.1 | 339.9 | 99.9 | 99.9 | 60.6 | 7.0 |
| 45.4 | 151.7 | 2070.9 | 50.0 | -58.0 | -50.9 | 4.4 | 2.2 | -2.2 | -2.2 | 527.0 | 339.9 | 99.9 | 99.9 | 61.6 | 7.0 |
| 47.7 | 160.3 | 2314.0 | 25.0 | -52.0 | -50.9 | 60.7 | 2.5 | -2.4 | -0.9 | 635.7 | 339.9 | 99.9 | 99.9 | 61.6 | 7.0 |

0.07 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0.07 TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00.37 SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 235
JACKSON, MISS24 APRIL 1975
1415 GMT

| TIME MIN | CNTCT | HEIGHT GM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U CUMP M/SEC | V CUMP M/SEC | POT Y DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|--------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.1 | 100.0 | 1006.0 | 23.6 | 21.1 | 180.0 | 5.7 | 0.0 | 5.7 | 298.4 | 340.0 | 15.9 | 86.0 | 0.0 | 0. |
| 2.1 | 4.5 | 1.2.5 | 1000.0 | 22.8 | 20.7 | 183.4 | 6.0 | 0.4 | 6.0 | 298.1 | 338.7 | 15.6 | 87.8 | 0.1 | 2. |
| 1.0 | 6.2 | 373.0 | 975.0 | 20.5 | 19.0 | 186.6 | 8.1 | 1.2 | 1.2 | 297.7 | 335.4 | 14.4 | 91.2 | 0.4 | 6. |
| 1.6 | 6.1 | 557.4 | 950.0 | 16.5 | 17.5 | 202.6 | 9.7 | 3.7 | 6.9 | 297.7 | 332.9 | 13.4 | 94.2 | 0.8 | 9. |
| 2.7 | 10.0 | 626.4 | 925.0 | 17.0 | 15.7 | 214.5 | 12.8 | 7.2 | 10.5 | 298.4 | 330.8 | 12.3 | 91.9 | 1.5 | 20. |
| 3.5 | 11.8 | 1060.5 | 900.0 | 15.7 | 14.0 | 217.5 | 13.7 | 8.4 | 10.9 | 299.2 | 329.2 | 11.2 | 89.2 | 2.1 | 25. |
| 4.4 | 13.8 | 1298.6 | 875.0 | 13.9 | 12.0 | 222.6 | 14.5 | 9.8 | 10.7 | 299.6 | 326.9 | 10.2 | 86.4 | 2.8 | 29. |
| 5.3 | 15.7 | 1548.1 | 850.0 | 12.3 | 10.2 | 224.8 | 14.4 | 10.2 | 10.2 | 300.2 | 325.2 | 9.2 | 87.1 | 3.6 | 32. |
| 6.3 | 17.9 | 1764.3 | 825.0 | 11.1 | 7.1 | 228.6 | 16.4 | 12.3 | 10.9 | 301.3 | 322.5 | 7.7 | 76.4 | 4.5 | 34. |
| 7.3 | 19.8 | 2052.1 | 800.0 | 12.9 | -1.9 | 237.4 | 20.5 | 17.3 | 11.1 | 305.4 | 317.5 | 4.2 | 35.8 | 5.6 | 34. |
| 9.3 | 21.8 | 2318.9 | 775.0 | 12.9 | -5.9 | 245.4 | 20.9 | 19.0 | 8.7 | 308.1 | 317.6 | 3.2 | 26.4 | 6.8 | 43. |
| 9.4 | 24.0 | 2558.8 | 750.0 | 14.2 | -5.2 | 248.5 | 20.2 | 18.8 | 7.4 | 312.4 | 322.8 | 3.5 | 25.6 | 8.1 | 47. |
| 10. | 26.1 | 2879.7 | 725.0 | 12.1 | -7.8 | 248.9 | 17.7 | 16.5 | 6.4 | 313.2 | 322.1 | 2.9 | 23.9 | 9.2 | 50. |
| 11.5 | 28.3 | 3172.4 | 700.0 | 10.0 | -10.2 | 247.1 | 17.7 | 16.3 | 6.9 | 313.9 | 321.6 | 2.5 | 23.0 | 11.3 | 53. |
| 12.6 | 30.6 | 3473.0 | 675.0 | 7.2 | -11.6 | 243.6 | 17.6 | 15.7 | 7.6 | 313.9 | 321.2 | 2.3 | 24.8 | 12.5 | 54. |
| 13.7 | 33.1 | 3781.5 | 650.0 | 4.0 | -10.2 | 243.7 | 17.1 | 15.3 | 7.6 | 313.8 | 322.1 | 2.7 | 34.5 | 13.7 | 55. |
| 14.9 | 35.5 | 4098.9 | 625.0 | 1.1 | -11.4 | 245.1 | 16.2 | 14.7 | 6.8 | 314.0 | 321.9 | 2.6 | 31.6 | 14.8 | 56. |
| 16.2 | 37.9 | 4425.5 | 600.0 | -2.1 | -9.8 | 254.3 | 15.3 | 14.8 | 4.2 | 314.1 | 323.3 | 3.0 | 55.3 | 16.0 | 58. |
| 17.4 | 40.4 | 4762.8 | 575.0 | -4.3 | -10.6 | 258.0 | 19.5 | 19.1 | 3.7 | 315.4 | 324.5 | 3.0 | 60.9 | 17.6 | 60. |
| 18.8 | 43.0 | 5111.4 | 550.0 | -7.3 | -12.8 | 261.2 | 20.9 | 20.7 | 3.2 | 315.7 | 323.8 | 2.6 | 68.7 | 18.1 | 61. |
| 20.1 | 45.8 | 5472.7 | 525.0 | -9.8 | -13.1 | 260.5 | 21.0 | 20.8 | 3.5 | 316.9 | 325.2 | 2.7 | 76.8 | 19.1 | 61. |
| 21.5 | 48.6 | 5847.6 | 500.0 | -12.4 | -17.7 | 266.0 | 21.8 | 21.8 | 1.5 | 318.1 | 324.2 | 1.9 | 65.2 | 20.9 | 63. |
| 22.9 | 51.3 | 6237.8 | 475.0 | -15.1 | -22.5 | 265.4 | 21.3 | 21.2 | 1.7 | 314.4 | 323.8 | 1.3 | 53.6 | 22.5 | 65. |
| 24.4 | 54.4 | 6645.0 | 450.0 | -17.4 | -30.0 | 260.8 | 23.7 | 23.4 | 3.8 | 321.4 | 323.8 | 0.7 | 32.0 | 24.4 | 67. |
| 25.9 | 57.3 | 7070.4 | 425.0 | -20.6 | -36.4 | 260.7 | 21.0 | 20.7 | 3.4 | 322.5 | 323.9 | 0.4 | 22.6 | 26.3 | 68. |
| 27.6 | 60.6 | 7513.6 | 400.0 | -24.5 | -39.7 | 263.6 | 19.8 | 19.7 | 2.2 | 323.1 | 324.2 | 0.3 | 23.1 | 28.3 | 69. |
| 29.4 | 64.0 | 7982.3 | 375.0 | -28.0 | -42.6 | 267.2 | 24.8 | 24.7 | 1.2 | 324.4 | 325.3 | 0.2 | 23.1 | 30.6 | 70. |
| 31.2 | 67.3 | 8473.7 | 350.0 | -32.2 | -46.2 | 270.9 | 23.0 | 23.0 | -0.3 | 325.2 | 325.9 | 0.2 | 23.3 | 33.2 | 71. |
| 33.1 | 70.9 | 8992.0 | 325.0 | -36.4 | -49.7 | 275.1 | 19.6 | 19.5 | -1.7 | 326.4 | 326.9 | 0.1 | 23.6 | 35.4 | 73. |
| 35.4 | 74.8 | 9540.9 | 300.0 | -41.5 | -59.9 | 271.1 | 25.7 | 25.7 | -0.5 | 326.9 | 999.9 | 99.9 | 99.9 | 36.4 | 74. |
| 37.6 | 78.8 | 10126.0 | 275.0 | -45.6 | -69.9 | 277.2 | 20.9 | 20.7 | -2.6 | 329.2 | 999.9 | 99.9 | 99.9 | 41.5 | 76. |
| 39.9 | 83.0 | 10753.4 | 250.0 | -50.4 | -79.9 | 273.1 | 28.7 | 28.6 | -1.5 | 331.1 | 999.9 | 99.9 | 99.9 | 46.6 | 77. |
| 42.2 | 87.6 | 11438.9 | 225.0 | -54.4 | -89.9 | 275.9 | 34.0 | 33.8 | -3.5 | 335.2 | 999.9 | 99.9 | 99.9 | 51.9 | 79. |
| 45.0 | 92.3 | 12195.6 | 200.0 | -57.7 | -99.9 | 279.6 | 29.8 | 29.8 | -5.0 | 341.3 | 999.9 | 99.9 | 99.9 | 56.4 | 82. |
| 47.9 | 96.3 | 13022.7 | 175.0 | -59.7 | -99.9 | 283.0 | 24.1 | 23.9 | -2.5 | 351.4 | 999.9 | 99.9 | 99.9 | 61.5 | 82. |
| 51.3 | 104.5 | 13985.3 | 150.0 | -59.9 | -99.9 | 270.6 | 34.8 | 34.8 | -0.3 | 366.8 | 999.9 | 99.9 | 99.9 | 72.1 | 83. |
| 55.3 | 111.7 | 15118.6 | 125.0 | -61.9 | -99.9 | 270.6 | 25.9 | 25.9 | -0.0 | 363.0 | 999.9 | 99.9 | 99.9 | 76.5 | 83. |
| 60.0 | 120.5 | 16476.5 | 100.0 | -68.4 | -99.9 | 259.9 | 15.0 | 14.7 | -2.6 | 430.8 | 999.9 | 99.9 | 99.9 | 82.2 | 83. |
| 65.6 | 131.5 | 18205.6 | 75.0 | -67.8 | -99.9 | 306.9 | 9.4 | 7.5 | -5.6 | 509.2 | 999.9 | 99.9 | 99.9 | 86.4 | 83. |
| 73.3 | 144.5 | 20694.8 | 50.0 | -57.0 | -99.9 | 293.1 | 6.0 | 5.5 | -2.3 | 509.2 | 999.9 | 99.9 | 99.9 | 88.0 | 83. |
| 85.7 | 159.5 | 25150.1 | 25.0 | -51.8 | -99.9 | 6.3 | 2.7 | -0.3 | -2.7 | 636.0 | 999.9 | 99.9 | 99.9 | 88.0 | 95. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 240
LAKE CHARLES, LA
24 APRIL 1975
1415 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT Y DEG K | E POT T DEG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 00.0 | 34.6 | 5.0 | 1015.4 | 23.3 | 21.7 | 180.0 | 9.3 | -3.2 | 8.7 | 237.4 | 340.0 | 16.4 | 91.0 | 0.0 | 0.0 |
| 00.3 | 4.9 | 138.8 | 1000.0 | 22.6 | 21.2 | 99.9 | 9.9 | 9.9 | 99.9 | 237.9 | 334.8 | 16.1 | 92.0 | 999.9 | 99.0 |
| 00.6 | 6.8 | 359.7 | 975.0 | 21.5 | 19.9 | 99.9 | 9.9 | 9.9 | 99.9 | 238.0 | 338.8 | 15.2 | 91.0 | 999.9 | 99.0 |
| 01.0 | 5.2 | 585.4 | 950.0 | 22.1 | 12.6 | 193.8 | 15.4 | 3.7 | 14.9 | 300.9 | 327.2 | 9.7 | 54.8 | 1.7 | 1.0 |
| 01.3 | 11.3 | 217.2 | 925.0 | 21.9 | 9.2 | 190.3 | 12.8 | 4.2 | 12.0 | 302.6 | 324.7 | 8.0 | 44.4 | 2.1 | 5.0 |
| 01.6 | 13.6 | 1054.3 | 900.0 | 19.9 | 7.9 | 200.1 | 11.5 | 4.0 | 10.9 | 303.0 | 323.7 | 7.4 | 45.7 | 2.8 | 9.0 |
| 01.9 | 15.8 | 1296.5 | 875.0 | 18.3 | 6.8 | 198.0 | 13.2 | 4.1 | 12.5 | 303.8 | 323.6 | 7.1 | 46.9 | 3.3 | 11.0 |
| 02.2 | 18.3 | 1544.5 | 850.0 | 16.6 | 9.5 | 201.6 | 12.5 | 4.6 | 11.6 | 304.7 | 324.1 | 8.8 | 62.9 | 3.9 | 12.0 |
| 02.5 | 20.6 | 1798.1 | 825.0 | 14.6 | 7.3 | 205.3 | 14.7 | 7.2 | 12.8 | 305.1 | 324.8 | 7.8 | 63.5 | 4.6 | 14.0 |
| 02.8 | 23.1 | 2057.9 | 800.0 | 13.9 | 1.8 | 208.7 | 16.4 | 7.8 | 14.4 | 306.7 | 322.3 | 5.5 | 43.8 | 5.5 | 16.0 |
| 03.1 | 25.6 | 2325.4 | 775.0 | 13.1 | -1.1 | 214.1 | 18.3 | 9.1 | 13.5 | 308.5 | 321.9 | 4.6 | 37.4 | 6.3 | 18.0 |
| 03.4 | 28.1 | 2601.1 | 750.0 | 14.5 | -14.9 | 222.1 | 14.4 | 10.7 | 9.6 | 312.5 | 317.6 | 1.6 | 11.6 | 7.0 | 20.0 |
| 03.7 | 30.8 | 2827.2 | 725.0 | 14.1 | -8.2 | 239.9 | 13.4 | 11.6 | 6.7 | 315.3 | 324.1 | 2.9 | 20.6 | 7.6 | 24.0 |
| 04.0 | 33.6 | 3181.9 | 700.0 | 12.1 | -11.2 | 237.9 | 12.9 | 10.9 | 6.8 | 316.1 | 323.4 | 2.3 | 18.4 | 8.2 | 27.0 |
| 04.3 | 36.1 | 3484.9 | 675.0 | 9.6 | -9.9 | 233.5 | 13.3 | 10.7 | 7.9 | 316.8 | 325.1 | 2.6 | 24.1 | 8.7 | 29.0 |
| 04.6 | 39.1 | 3796.6 | 650.0 | 7.1 | -10.6 | 232.9 | 12.9 | 10.3 | 7.8 | 317.3 | 324.7 | 2.4 | 26.9 | 9.4 | 30.0 |
| 04.9 | 41.8 | 4117.1 | 625.0 | 3.8 | -12.2 | 238.8 | 11.6 | 9.9 | 6.0 | 317.1 | 324.7 | 2.4 | 29.9 | 9.9 | 32.0 |
| 05.2 | 44.8 | 4447.1 | 600.0 | 1.1 | -11.9 | 231.9 | 10.9 | 10.4 | 3.4 | 317.7 | 325.7 | 2.6 | 37.1 | 10.5 | 34.0 |
| 05.5 | 47.9 | 4768.0 | 575.0 | -1.6 | -13.0 | 255.8 | 11.8 | 11.6 | 2.1 | 318.4 | 325.8 | 2.4 | 41.2 | 11.0 | 36.0 |
| 05.8 | 50.8 | 5139.9 | 550.0 | -4.9 | -14.3 | 259.3 | 11.9 | 11.5 | 3.0 | 318.6 | 325.8 | 2.3 | 47.6 | 11.6 | 39.0 |
| 06.1 | 54.1 | 5503.9 | 525.0 | -7.7 | -13.3 | 236.9 | 8.7 | 7.3 | 4.7 | 319.5 | 327.7 | 2.6 | 64.1 | 12.2 | 41.0 |
| 06.4 | 57.3 | 5881.6 | 500.0 | -10.7 | -13.3 | 222.3 | 10.3 | 6.9 | 7.6 | 320.3 | 328.9 | 2.8 | 81.5 | 13.0 | 41.0 |
| 06.7 | 60.7 | 6274.1 | 475.0 | -13.6 | -19.5 | 231.3 | 13.7 | 10.7 | 8.5 | 321.3 | 326.8 | 1.7 | 61.1 | 13.9 | 41.0 |
| 07.0 | 64.3 | 6683.6 | 450.0 | -15.8 | -29.8 | 244.2 | 16.1 | 14.5 | 7.0 | 323.4 | 327.0 | 0.7 | 28.8 | 15.1 | 43.0 |
| 07.3 | 67.7 | 7112.3 | 425.0 | -18.9 | -21.5 | 243.2 | 18.0 | 17.2 | 5.2 | 324.7 | 327.0 | 0.6 | 31.9 | 16.5 | 45.0 |
| 07.6 | 71.3 | 7560.9 | 400.0 | -22.4 | -33.8 | 289.5 | 18.9 | 18.9 | 0.2 | 325.8 | 327.8 | 0.5 | 34.4 | 17.6 | 48.0 |
| 07.9 | 75.3 | 8030.9 | 375.0 | -26.7 | -36.6 | 271.1 | 20.9 | 20.9 | -0.4 | 326.2 | 328.1 | 0.5 | 46.7 | 18.9 | 51.0 |
| 08.2 | 79.6 | 8524.6 | 350.0 | -30.0 | -50.7 | 270.6 | 20.4 | 20.4 | -0.2 | 328.2 | 328.6 | 0.1 | 11.2 | 20.5 | 55.0 |
| 08.5 | 83.8 | 9048.3 | 325.0 | -34.1 | -52.2 | 270.4 | 22.9 | 22.9 | -0.2 | 325.5 | 329.9 | 0.1 | 14.0 | 22.4 | 58.0 |
| 08.8 | 88.2 | 9604.1 | 300.0 | -37.6 | -58.4 | 272.3 | 29.2 | 29.2 | -1.2 | 332.2 | 332.4 | 0.0 | 9.3 | 25.0 | 62.0 |
| 09.1 | 93.0 | 10199.0 | 275.0 | -41.9 | 99.9 | 270.7 | 34.6 | 34.6 | -0.4 | 334.5 | 339.9 | 99.9 | 99.9 | 28.3 | 66.0 |
| 09.4 | 98.0 | 10836.3 | 250.0 | -46.6 | 99.9 | 272.5 | 36.4 | 36.4 | -1.6 | 336.9 | 339.9 | 99.9 | 99.9 | 32.7 | 70.0 |
| 09.7 | 103.2 | 11528.6 | 225.0 | -52.4 | 99.9 | 274.8 | 35.4 | 35.3 | -3.0 | 338.2 | 339.9 | 99.9 | 99.9 | 37.9 | 73.0 |
| 10.0 | 109.0 | 12276.4 | 200.0 | -58.6 | 99.9 | 278.3 | 36.8 | 36.4 | -5.3 | 340.0 | 339.9 | 99.9 | 99.9 | 42.6 | 76.0 |
| 10.3 | 115.2 | 13109.1 | 175.0 | -62.8 | 99.9 | 266.8 | 35.7 | 34.2 | -10.4 | 340.4 | 339.9 | 99.9 | 99.9 | 48.3 | 79.0 |
| 10.6 | 122.0 | 14061.1 | 150.0 | -68.0 | 99.9 | 266.1 | 34.0 | 33.9 | 2.3 | 340.7 | 339.9 | 99.9 | 99.9 | 55.7 | 81.0 |
| 10.9 | 129.3 | 15155.1 | 125.0 | -72.6 | 99.9 | 270.8 | 22.0 | 21.5 | 4.6 | 341.6 | 339.9 | 99.9 | 99.9 | 61.4 | 81.0 |
| 11.2 | 137.3 | 16588.0 | 100.0 | -69.2 | 99.9 | 270.9 | 21.1 | 21.1 | -0.3 | 344.1 | 339.9 | 99.9 | 99.9 | 68.1 | 82.0 |
| 11.5 | 145.3 | 18257.7 | 75.0 | -68.2 | 99.9 | 265.6 | 13.0 | 12.9 | 1.0 | 429.9 | 339.9 | 99.9 | 99.9 | 72.4 | 82.0 |
| 11.8 | 154.3 | 20741.8 | 50.0 | -59.5 | 99.9 | 267.4 | 3.2 | 3.2 | 0.1 | 503.3 | 339.9 | 99.9 | 99.9 | 75.0 | 83.0 |
| 12.1 | 163.7 | 25166.6 | 25.0 | -51.4 | 99.9 | 42.0 | 2.1 | -1.4 | -1.6 | 637.2 | 339.9 | 99.9 | 99.9 | 75.5 | 84.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 240

SMREVEPCCT. LA

24 APRIL 1975

1500 GMT

165 10. 0

| TIME MIN | CNTCT | HEIGHT GFW | PRES MB | TEMP DC C | DEW PT DC C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.2 | 75.0 | 1004.7 | 23.3 | 18.4 | 190.0 | 7.2 | 1.3 | 7.1 | 297.9 | 333.1 | 13.4 | 74.0 | 0.0 | 0.0 |
| 0.1 | 4.6 | 120.2 | 1000.0 | 23.4 | 19.1 | 192.9 | 7.6 | 1.7 | 7.4 | 248.5 | 335.5 | 14.1 | 76.5 | 0.1 | 5.0 |
| 1.1 | 6.4 | 341.5 | 975.0 | 21.6 | 18.7 | 199.1 | 8.6 | 2.8 | 8.2 | 298.7 | 335.8 | 14.1 | 83.8 | 0.6 | 13.0 |
| 2.0 | 8.4 | 560.7 | 950.0 | 19.3 | 18.0 | 206.4 | 11.5 | 5.1 | 10.3 | 258.7 | 335.2 | 13.9 | 92.1 | 1.1 | 16.0 |
| 3.9 | 10.4 | 755.6 | 925.0 | 16.3 | 16.4 | 210.9 | 14.1 | 7.3 | 12.1 | 299.7 | 333.7 | 12.8 | 88.4 | 1.4 | 22.0 |
| 3.9 | 12.3 | 1032.1 | 900.0 | 18.9 | 11.4 | 220.5 | 20.2 | 13.1 | 15.3 | 302.2 | 328.2 | 9.5 | 63.0 | 2.9 | 27.0 |
| 4.9 | 14.5 | 1275.3 | 875.0 | 19.8 | 12.0 | 226.4 | 22.0 | 16.0 | 15.1 | 305.7 | 333.7 | 10.1 | 60.7 | 4.1 | 31.0 |
| 5.9 | 16.5 | 1524.7 | 850.0 | 17.9 | 11.4 | 232.6 | 22.4 | 17.8 | 13.6 | 306.2 | 335.0 | 10.1 | 66.1 | 5.4 | 37.0 |
| 6.9 | 18.6 | 1779.7 | 825.0 | 15.8 | 8.2 | 233.2 | 24.2 | 19.3 | 13.5 | 306.5 | 329.7 | 8.3 | 60.5 | 6.6 | 40.0 |
| 7.9 | 20.8 | 2045.9 | 800.0 | 15.7 | -0.0 | 240.3 | 20.5 | 17.8 | 10.1 | 308.5 | 322.5 | 4.8 | 34.6 | 6.1 | 43.0 |
| 9.0 | 23.0 | 2310.2 | 775.0 | 15.8 | -4.2 | 245.8 | 15.9 | 14.5 | 6.5 | 311.3 | 325.1 | 3.6 | 24.9 | 9.3 | 46.0 |
| 10.1 | 25.3 | 2587.6 | 750.0 | 13.9 | -5.9 | 241.3 | 10.5 | 9.2 | 5.9 | 312.1 | 325.1 | 3.3 | 25.0 | 10.3 | 47.0 |
| 11.2 | 27.5 | 2872.2 | 725.0 | 11.9 | -5.0 | 234.2 | 6.4 | 5.2 | 3.7 | 312.0 | 324.0 | 3.7 | 30.4 | 10.5 | 48.0 |
| 12.4 | 30.0 | 3164.8 | 700.0 | 10.5 | -8.6 | 236.1 | 6.2 | 5.1 | 3.5 | 314.5 | 324.3 | 2.9 | 25.1 | 10.9 | 48.0 |
| 13.5 | 32.6 | 3466.1 | 675.0 | 7.6 | -12.5 | 257.6 | 7.3 | 7.1 | 1.6 | 314.6 | 321.5 | 2.2 | 22.3 | 11.3 | 48.0 |
| 14.9 | 35.2 | 3776.1 | 650.0 | 6.1 | -15.0 | 261.9 | 11.7 | 11.6 | 1.7 | 316.1 | 321.9 | 1.8 | 20.3 | 12.7 | 50.0 |
| 15.9 | 37.6 | 4066.0 | 625.0 | 3.7 | -14.0 | 264.1 | 13.4 | 12.9 | 3.7 | 316.9 | 323.0 | 1.9 | 24.3 | 12.7 | 52.0 |
| 17.1 | 40.3 | 4425.5 | 600.0 | 0.6 | -17.0 | 250.1 | 15.0 | 14.1 | 5.1 | 317.0 | 322.4 | 1.7 | 25.3 | 13.7 | 54.0 |
| 18.4 | 42.9 | 4725.1 | 575.0 | -2.3 | -20.1 | 258.6 | 15.3 | 15.0 | 3.0 | 317.5 | 321.8 | 1.3 | 23.9 | 14.8 | 55.0 |
| 19.7 | 45.9 | 5115.7 | 550.0 | -5.9 | -22.4 | 271.9 | 16.8 | 16.8 | -0.6 | 317.2 | 321.0 | 1.1 | 25.6 | 15.9 | 57.0 |
| 21.2 | 48.8 | 5476.0 | 525.0 | -9.0 | -24.8 | 279.0 | 17.2 | 17.2 | 0.3 | 317.7 | 320.9 | 1.0 | 26.2 | 17.2 | 61.0 |
| 22.8 | 51.6 | 5854.4 | 500.0 | -10.6 | -29.7 | 251.4 | 19.5 | 18.5 | 6.2 | 320.1 | 322.3 | 0.6 | 19.0 | 18.9 | 64.0 |
| 24.4 | 54.8 | 6246.8 | 475.0 | -13.5 | -31.8 | 252.1 | 20.1 | 19.2 | 6.1 | 321.2 | 323.1 | 0.6 | 19.6 | 20.7 | 67.0 |
| 26.1 | 57.9 | 6655.3 | 450.0 | -16.7 | -35.2 | 257.1 | 19.3 | 18.6 | 4.3 | 322.2 | 323.7 | 0.4 | 18.3 | 22.7 | 68.0 |
| 27.9 | 61.3 | 7087.1 | 425.0 | -19.1 | -37.7 | 261.2 | 19.2 | 18.9 | 2.9 | 324.4 | 325.7 | 0.3 | 17.5 | 24.7 | 69.0 |
| 29.7 | 64.9 | 7530.7 | 400.0 | -23.0 | -40.8 | 264.2 | 18.5 | 18.4 | 1.9 | 325.0 | 326.0 | 0.3 | 17.8 | 26.7 | 69.0 |
| 31.4 | 68.3 | 8000.2 | 375.0 | -26.6 | -43.7 | 267.5 | 18.3 | 18.3 | 0.8 | 326.3 | 327.1 | 0.2 | 18.3 | 30.4 | 69.0 |
| 33.2 | 71.8 | 8494.6 | 350.0 | -30.7 | -46.9 | 273.3 | 19.3 | 19.2 | -1.1 | 327.3 | 327.9 | 0.2 | 18.3 | 32.9 | 71.0 |
| 35.4 | 75.2 | 9015.9 | 325.0 | -35.1 | -50.0 | 263.4 | 22.7 | 22.6 | 2.5 | 328.2 | 328.6 | 0.1 | 20.0 | 32.9 | 71.0 |
| 37.9 | 80.0 | 9568.6 | 300.0 | -39.3 | 99.4 | 270.5 | 26.8 | 26.8 | -0.2 | 330.0 | 329.9 | 99.9 | 99.9 | 35.2 | 72.0 |
| 40.1 | 84.4 | 10150.9 | 275.0 | -44.0 | 99.9 | 271.6 | 26.4 | 26.4 | -0.7 | 331.6 | 329.9 | 99.9 | 99.9 | 39.9 | 74.0 |
| 42.7 | 89.0 | 10792.3 | 250.0 | -48.7 | 99.9 | 277.1 | 24.3 | 24.1 | -3.0 | 333.7 | 329.9 | 99.9 | 99.9 | 43.9 | 76.0 |
| 45.5 | 94.0 | 11477.2 | 225.0 | -53.6 | 99.9 | 273.6 | 31.7 | 33.7 | -2.1 | 336.4 | 329.9 | 99.9 | 99.9 | 46.8 | 76.0 |
| 48.8 | 95.4 | 12226.3 | 200.0 | -58.8 | 99.9 | 277.0 | 36.4 | 36.2 | -4.4 | 336.6 | 329.9 | 99.9 | 99.9 | 55.3 | 80.0 |
| 52.1 | 105.0 | 13056.5 | 175.0 | -61.8 | 99.9 | 278.2 | 28.3 | 28.0 | -4.0 | 347.9 | 329.9 | 99.9 | 99.9 | 61.6 | 82.0 |
| 56.2 | 111.2 | 14018.7 | 150.0 | -59.4 | 99.9 | 264.6 | 31.8 | 31.7 | 3.0 | 367.7 | 329.9 | 99.9 | 99.9 | 70.1 | 83.0 |
| 61.2 | 115.3 | 15152.3 | 125.0 | -61.2 | 99.9 | 269.9 | 25.9 | 25.9 | 0.1 | 384.2 | 329.9 | 99.9 | 99.9 | 79.7 | 83.0 |
| 66.2 | 127.7 | 16513.4 | 100.0 | -67.2 | 99.9 | 261.6 | 26.4 | 26.1 | 3.9 | 398.0 | 329.9 | 99.9 | 99.9 | 85.7 | 83.0 |
| 73.7 | 136.0 | 18252.1 | 75.0 | -64.6 | 99.9 | 271.0 | 11.0 | 11.0 | -0.2 | 437.5 | 329.9 | 99.9 | 99.9 | 94.1 | 82.0 |
| 83.4 | 145.0 | 20760.3 | 50.0 | -58.2 | 99.9 | 262.9 | 8.2 | 8.2 | 1.0 | 506.4 | 329.9 | 99.9 | 99.9 | 95.4 | 83.0 |
| 90.1 | 161.0 | 25228.6 | 25.0 | -49.8 | 99.9 | 346.4 | 2.7 | 0.6 | -2.6 | 641.5 | 329.9 | 99.9 | 99.9 | 96.8 | 85.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE
OF POOR QUALITY

STATION NO. 295
VICTORIA, B.C.24 APRIL 1975
1415 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T CG K | E POT T DG K | MX RTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.1 | 33.0 | 1009.1 | 25.0 | 20.5 | 170.0 | 7.7 | -1.3 | 7.6 | 299.4 | 339.5 | 15.2 | 76.0 | 0.0 | 0. |
| 0.2 | 4.8 | 112.9 | 1000.0 | 24.7 | 21.0 | 999.9 | 99.9 | 99.9 | 98.9 | 300.0 | 341.7 | 15.9 | 79.9 | 999.9 | 999.9 |
| 0.4 | 6.5 | 334.9 | 975.0 | 22.0 | 20.5 | 999.9 | 99.9 | 99.9 | 99.9 | 299.8 | 340.9 | 15.8 | 90.8 | 999.9 | 999.9 |
| 0.6 | 6.6 | 560.9 | 950.0 | 20.2 | 19.5 | 999.9 | 99.9 | 99.9 | 99.9 | 299.8 | 339.8 | 15.2 | 95.5 | 999.9 | 999.9 |
| 2.5 | 10.6 | 791.3 | 925.0 | 19.6 | 10.5 | 176.6 | 17.0 | -1.0 | 17.0 | 300.5 | 324.4 | 8.6 | 57.2 | 1.8 | 350. |
| 3.2 | 12.6 | 1027.6 | 900.0 | 20.6 | 3.6 | 178.8 | 19.2 | -0.4 | 19.2 | 303.5 | 319.1 | 5.5 | 32.7 | 2.7 | 352. |
| 4.1 | 15.0 | 1270.3 | 875.0 | 19.0 | 3.6 | 179.6 | 20.3 | -0.1 | 20.3 | 304.3 | 320.1 | 5.6 | 35.4 | 3.7 | 352. |
| 4.8 | 16.7 | 1518.4 | 850.0 | 17.0 | 5.4 | 179.8 | 21.0 | -0.1 | 21.0 | 304.8 | 323.6 | 6.7 | 46.8 | 4.6 | 355. |
| 5.7 | 19.0 | 1772.3 | 825.0 | 15.8 | 3.4 | 174.6 | 19.7 | -1.6 | 19.6 | 306.1 | 323.0 | 8.0 | 43.6 | 5.6 | 356. |
| 6.5 | 21.1 | 2033.3 | 800.0 | 15.3 | -6.9 | 181.8 | 19.1 | 0.0 | 19.1 | 307.9 | 318.6 | 2.9 | 21.6 | 6.7 | 356. |
| 7.5 | 23.5 | 2302.9 | 775.0 | 16.7 | -18.4 | 194.0 | 15.5 | 3.7 | 15.1 | 311.9 | 315.7 | 1.2 | 7.6 | 7.6 | 358. |
| 8.4 | 25.7 | 2581.6 | 750.0 | 17.0 | -20.4 | 194.2 | 11.6 | 2.8 | 11.0 | 315.1 | 318.4 | 1.0 | 6.2 | 8.4 | 360. |
| 9.4 | 28.1 | 2866.2 | 725.0 | 15.9 | -21.5 | 200.6 | 7.5 | 2.6 | 7.0 | 317.0 | 323.2 | 0.9 | 6.0 | 8.8 | 0. |
| 10.4 | 30.7 | 3165.5 | 700.0 | 13.8 | -21.7 | 216.4 | 4.3 | 3.2 | 4.1 | 317.9 | 321.0 | 4.6 | 6.8 | 9.2 | 2. |
| 11.4 | 33.2 | 3470.1 | 675.0 | 10.9 | -2.9 | 247.4 | 5.2 | 4.0 | 1.7 | 318.5 | 332.4 | 4.6 | 37.7 | 9.3 | 3. |
| 12.4 | 35.7 | 3782.7 | 650.0 | 8.5 | -6.8 | 255.4 | 5.9 | 5.7 | 1.5 | 319.0 | 330.0 | 3.6 | 33.2 | 9.4 | 4. |
| 13.5 | 38.3 | 4106.1 | 625.0 | 5.5 | -8.6 | 252.6 | 7.1 | 6.8 | 2.1 | 319.2 | 329.1 | 3.2 | 35.3 | 9.5 | 7. |
| 14.5 | 40.8 | 4438.2 | 600.0 | 2.5 | -8.2 | 243.4 | 8.3 | 7.4 | 3.7 | 319.4 | 330.0 | 3.4 | 45.0 | 9.8 | 9. |
| 15.7 | 43.7 | 4780.4 | 575.0 | -0.8 | -10.0 | 258.8 | 7.8 | 7.7 | 1.5 | 319.4 | 329.1 | 3.1 | 49.0 | 10.1 | 12. |
| 16.9 | 46.6 | 5133.5 | 550.0 | -4.0 | -14.2 | 282.2 | 8.3 | 8.1 | -1.7 | 319.6 | 327.0 | 2.3 | 44.8 | 10.3 | 15. |
| 18.1 | 49.5 | 5498.9 | 525.0 | -6.4 | -20.9 | 290.0 | 10.2 | 9.5 | -3.5 | 320.9 | 325.4 | 1.4 | 30.4 | 10.2 | 19. |
| 19.4 | 52.4 | 5878.3 | 500.0 | -9.3 | -23.6 | 277.1 | 11.9 | 11.8 | -1.5 | 321.7 | 325.5 | 1.1 | 30.3 | 10.3 | 24. |
| 20.8 | 55.6 | 6272.9 | 475.0 | -12.2 | -25.5 | 260.8 | 14.0 | 13.8 | 2.2 | 322.9 | 326.3 | 1.0 | 31.9 | 10.8 | 29. |
| 22.2 | 58.9 | 6673.8 | 450.0 | -15.3 | -40.2 | 248.3 | 14.3 | 13.6 | 5.3 | 324.0 | 324.9 | 0.2 | 9.7 | 11.7 | 33. |
| 23.7 | 62.3 | 7113.0 | 425.0 | -18.4 | -34.5 | 244.3 | 16.7 | 15.0 | 7.3 | 325.4 | 327.1 | 0.5 | 22.6 | 12.9 | 36. |
| 25.3 | 65.7 | 7562.1 | 400.0 | -22.5 | -34.5 | 250.6 | 18.2 | 17.2 | 6.0 | 325.7 | 327.6 | 0.5 | 33.9 | 14.3 | 39. |
| 26.9 | 69.3 | 8034.2 | 375.0 | -24.4 | -44.2 | 264.9 | 23.2 | 23.1 | 5.0 | 329.3 | 330.1 | 0.2 | 14.4 | 16.1 | 44. |
| 28.9 | 73.3 | 8523.7 | 350.0 | -27.2 | -36.8 | 277.2 | 26.6 | 26.4 | -3.3 | 332.0 | 333.7 | 0.5 | 39.3 | 17.9 | 51. |
| 30.6 | 77.0 | 9033.6 | 325.0 | -31.0 | -38.4 | 273.6 | 30.3 | 30.3 | -1.9 | 333.8 | 335.4 | 0.4 | 47.8 | 20.3 | 57. |
| 32.6 | 81.2 | 9625.4 | 300.0 | -36.0 | -40.3 | 272.1 | 27.3 | 27.3 | -1.1 | 334.6 | 336.0 | 0.4 | 64.3 | 22.9 | 62. |
| 34.3 | 85.6 | 10223.6 | 275.0 | -41.2 | 99.9 | 266.8 | 29.7 | 29.7 | 1.7 | 335.6 | 999.9 | 99.9 | 999.9 | 25.6 | 65. |
| 36.4 | 90.3 | 10853.1 | 250.0 | -46.3 | 99.9 | 266.9 | 35.6 | 35.5 | 1.9 | 337.2 | 999.9 | 99.9 | 999.9 | 29.6 | 68. |
| 38.9 | 95.4 | 11523.5 | 225.0 | -52.2 | 99.9 | 281.4 | 34.8 | 34.1 | -6.8 | 338.5 | 999.9 | 99.9 | 999.9 | 34.3 | 72. |
| 41.5 | 100.7 | 12304.5 | 200.0 | -58.4 | 59.9 | 283.3 | 37.3 | 36.3 | -8.6 | 340.3 | 999.9 | 99.9 | 999.9 | 39.0 | 76. |
| 44.6 | 106.8 | 13132.6 | 175.0 | -63.0 | 94.9 | 292.4 | 42.2 | 39.0 | -16.1 | 344.9 | 999.9 | 99.9 | 999.9 | 45.3 | 81. |
| 47.5 | 113.3 | 14075.2 | 150.0 | -64.3 | 99.9 | 261.5 | 24.6 | 24.3 | 3.6 | 359.4 | 999.9 | 99.9 | 999.9 | 50.2 | 83. |
| 51.2 | 120.7 | 15190.4 | 125.0 | -65.4 | 99.9 | 270.7 | 27.2 | 27.2 | -0.3 | 376.5 | 999.9 | 99.9 | 999.9 | 57.2 | 83. |
| 55.4 | 129.0 | 16532.3 | 100.0 | -70.3 | 99.9 | 263.4 | 19.8 | 19.7 | -5.3 | 391.8 | 999.9 | 99.9 | 999.9 | 62.4 | 83. |
| 61.1 | 136.5 | 18238.6 | 75.0 | -67.6 | 99.9 | 220.8 | 8.5 | 5.6 | 6.4 | 431.3 | 999.9 | 99.9 | 999.9 | 66.7 | 82. |
| 69.0 | 148.5 | 20731.0 | 50.0 | -57.7 | 99.9 | 12.0 | 3.7 | -0.8 | -3.6 | 507.5 | 999.9 | 99.9 | 999.9 | 69.4 | 83. |
| 81.1 | 160.0 | 25171.3 | 25.0 | -50.1 | 99.9 | 32.6 | 6.8 | -3.7 | -5.7 | 640.6 | 999.9 | 99.9 | 999.9 | 67.0 | 84. |

* EV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* EV TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** EV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 260
STEPHENVILLE, TEX24 APRIL 1975
1415 GMT

| TIME MIN | CNTCT | HEIGHT GM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|--------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0-0 | 9-6 | 295.0 | 905.2 | 22.0 | 19.7 | 180.0 | 9.3 | 0.0 | 9.3 | 300.2 | 340.4 | 15.2 | 67.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0-6 | 10-9 | 537.2 | 950.0 | 20.7 | 18.7 | 180.0 | 15.2 | 2.4 | 15.0 | 300.1 | 339.5 | 14.5 | 86.7 | 0.5 | 9 |
| 1-3 | 13-5 | 768.2 | 925.0 | 19.4 | 18.0 | 197.7 | 20.0 | 6.1 | 19.1 | 301.1 | 339.0 | 14.3 | 91.9 | 1.2 | 12 |
| 2-2 | 15-9 | 1005.2 | 900.0 | 21.1 | 12.7 | 207.1 | 20.3 | 12.0 | 23.4 | 304.7 | 331.0 | 10.3 | 58.6 | 2.4 | 17 |
| 2-9 | 18-5 | 1248.6 | 875.0 | 21.7 | 8.7 | 218.9 | 22.8 | 12.4 | 15.2 | 307.4 | 330.3 | 8.1 | 43.5 | 3.6 | 21 |
| 3-9 | 21-0 | 1501.1 | 850.0 | 21.2 | 9.7 | 221.8 | 12.9 | 8.6 | 9.5 | 309.6 | 335.9 | 9.0 | 40.7 | 4.1 | 25 |
| 4-6 | 23-7 | 1755.4 | 825.0 | 19.6 | 9.3 | 230.5 | 9.8 | 7.5 | 6.2 | 310.5 | 335.9 | 9.0 | 51.3 | 5.1 | 27 |
| 5-8 | 26-2 | 2023.6 | 800.0 | 17.5 | 7.2 | 235.5 | 4.4 | 3.6 | 2.5 | 310.9 | 331.8 | 8.0 | 50.8 | 5.5 | 29 |
| 6-7 | 28-1 | 2298.3 | 775.0 | 16.1 | 3.0 | 218.1 | 5.9 | 3.6 | 4.6 | 311.9 | 329.8 | 6.1 | 41.4 | 5.7 | 30 |
| 7-7 | 32-0 | 2571.9 | 750.0 | 13.6 | 0.9 | 213.5 | 5.8 | 3.2 | 4.8 | 312.1 | 329.0 | 5.4 | 41.7 | 6.1 | 32 |
| 8-7 | 34-9 | 2854.5 | 725.0 | 11.4 | -0.7 | 212.1 | 6.5 | 3.5 | 5.5 | 312.6 | 327.4 | 5.0 | 42.9 | 6.4 | 34 |
| 9-7 | 37-7 | 3143.6 | 700.0 | 8.9 | -2.2 | 220.9 | 7.4 | 4.8 | 5.6 | 313.0 | 326.8 | 4.7 | 45.7 | 6.9 | 36 |
| 10-7 | 40-5 | 3448.9 | 675.0 | 7.2 | -8.6 | 223.1 | 10.0 | 6.8 | 7.3 | 314.1 | 323.3 | 3.0 | 31.9 | 7.3 | 38 |
| 11-6 | 43-5 | 3758.4 | 650.0 | 5.2 | -6.0 | 220.7 | 13.5 | 8.8 | 10.3 | 315.3 | 326.7 | 3.8 | 44.0 | 8.2 | 40 |
| 12-7 | 46-5 | 4077.5 | 625.0 | 2.9 | -7.9 | 219.4 | 15.2 | 9.7 | 11.8 | 316.2 | 326.6 | 3.4 | 44.8 | 8.7 | 42 |
| 13-7 | 49-9 | 4406.6 | 600.0 | 0.3 | -13.3 | 221.1 | 17.1 | 11.2 | 12.9 | 316.8 | 324.0 | 2.3 | 35.1 | 9.4 | 44 |
| 14-7 | 52-3 | 4746.6 | 575.0 | -2.2 | -16.1 | 230.6 | 17.2 | 13.3 | 10.9 | 317.7 | 323.7 | 1.9 | 33.2 | 10.9 | 46 |
| 15-9 | 56-0 | 5097.7 | 550.0 | -5.2 | -19.7 | 237.9 | 19.4 | 16.5 | 10.3 | 318.0 | 322.8 | 1.5 | 31.0 | 12.1 | 48 |
| 17-1 | 59.4 | 5460.8 | 525.0 | -8.7 | -21.8 | 242.1 | 21.7 | 19.2 | 10.1 | 318.1 | 322.2 | 1.3 | 33.6 | 13.5 | 50 |
| 18-4 | 62.3 | 5836.5 | 500.0 | -12.1 | -21.6 | 251.8 | 20.9 | 19.6 | 6.5 | 318.4 | 322.9 | 1.4 | 44.8 | 15.1 | 52 |
| 19-4 | 66.3 | 6226.7 | 475.0 | -14.8 | -24.2 | 253.4 | 20.2 | 19.4 | 5.8 | 319.7 | 320.2 | 0.2 | 6.1 | 16.0 | 54 |
| 21-3 | 70.0 | 6634.3 | 450.0 | -18.5 | -28.4 | 249.2 | 19.5 | 18.2 | 6.9 | 322.4 | 322.5 | 0.0 | 1.0 | 18.1 | 56 |
| 22-7 | 73.6 | 7061.5 | 425.0 | -19.6 | -37.3 | 253.3 | 19.8 | 18.9 | 5.7 | 323.8 | 323.9 | 0.0 | 1.9 | 19.7 | 58 |
| 24-1 | 77.5 | 7509.3 | 400.0 | -23.5 | -34.9 | 258.5 | 19.0 | 18.7 | 3.8 | 324.4 | 324.6 | 0.1 | 3.7 | 21.2 | 60 |
| 25-7 | 81.3 | 7977.1 | 375.0 | -26.9 | -34.4 | 263.0 | 23.2 | 23.0 | 2.6 | 326.0 | 326.2 | 0.1 | 5.4 | 22.9 | 62 |
| 27-2 | 85.4 | 8471.6 | 350.0 | -30.2 | -41.1 | 267.7 | 23.9 | 23.8 | 2.2 | 327.9 | 329.0 | 0.0 | 3.2 | 24.7 | 64 |
| 28-8 | 89.7 | 8994.4 | 325.0 | -34.5 | -40.3 | 261.7 | 29.7 | 26.4 | 4.3 | 327.1 | 329.2 | 0.0 | 5.3 | 27.1 | 66 |
| 30-8 | 94.3 | 9548.1 | 300.0 | -38.4 | 99.3 | 265.5 | 30.2 | 30.1 | 2.4 | 329.8 | 99.9 | 99.9 | 99.9 | 30.3 | 68 |
| 32-9 | 99.0 | 10138.5 | 275.0 | -42.5 | 99.9 | 269.8 | 33.6 | 33.2 | 5.4 | 332.2 | 99.9 | 99.9 | 99.9 | 34.3 | 70 |
| 35-0 | 103.9 | 10774.0 | 250.0 | -47.9 | 99.9 | 272.5 | 42.6 | 42.3 | 5.6 | 334.6 | 99.9 | 99.9 | 99.9 | 38.7 | 72 |
| 37-2 | 109.2 | 11461.0 | 225.0 | -53.2 | 99.9 | 265.3 | 43.1 | 42.9 | 4.3 | 337.0 | 99.9 | 99.9 | 99.9 | 44.3 | 74 |
| 39-8 | 114.8 | 12210.5 | 200.0 | -58.9 | 99.9 | 270.9 | 43.1 | 43.1 | -0.6 | 339.6 | 99.9 | 99.9 | 99.9 | 51.0 | 76 |
| 42-9 | 121.0 | 13048.6 | 175.0 | -62.2 | 99.9 | 275.7 | 43.8 | 45.7 | -2.1 | 347.3 | 99.9 | 99.9 | 99.9 | 58.5 | 78 |
| 45-9 | 127.5 | 13991.7 | 150.0 | -62.7 | 99.9 | 261.2 | 35.0 | 36.6 | 5.4 | 362.2 | 99.9 | 99.9 | 99.9 | 65.7 | 80 |
| 50-0 | 135.0 | 15125.2 | 125.0 | -60.2 | 99.9 | 265.3 | 27.5 | 27.4 | 2.2 | 386.0 | 99.9 | 99.9 | 99.9 | 75.4 | 82 |
| 54-6 | 142.3 | 16507.1 | 100.0 | -66.1 | 99.9 | 243.9 | 22.5 | 20.2 | 9.9 | 400.0 | 99.9 | 99.9 | 99.9 | 81.4 | 84 |
| 60-7 | 150.7 | 18238.2 | 75.0 | -65.3 | 99.9 | 39.7 | 2.6 | -1.7 | -2.0 | 436.1 | 99.9 | 99.9 | 99.9 | 86.9 | 86 |
| 69-0 | 160.3 | 20766.3 | 50.0 | -55.1 | 99.9 | 99.9 | 6.1 | -6.1 | 0.4 | 513.8 | 99.9 | 99.9 | 99.9 | 89.2 | 88 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 261
DEL RIO, TEX24 APRIL 1975
1415 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.7 | 314.0 | 973.0 | 22.3 | 19.1 | 120.0 | 5.1 | -4.4 | 2.5 | 299.7 | 337.9 | 14.5 | 82.0 | 0.0 | C. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 0.0 | 10.5 | 522.8 | 950.0 | 21.3 | 20.1 | 138.6 | 8.4 | -5.5 | 6.3 | 300.9 | 342.6 | 13.8 | 92.9 | 0.4 | 337. |
| 1.5 | 13.4 | 754.1 | 925.0 | 19.0 | 18.8 | 148.5 | 9.4 | -4.9 | 8.0 | 300.8 | 340.5 | 15.0 | 99.0 | 0.8 | 314. |
| 2.3 | 15.9 | 990.0 | 900.0 | 17.8 | 17.6 | 167.4 | 8.2 | -1.8 | 8.0 | 301.7 | 339.6 | 14.2 | 98.0 | 1.2 | 323. |
| 3.1 | 18.6 | 1221.8 | 875.0 | 18.9 | 12.3 | 182.0 | 8.4 | 0.2 | 6.4 | 304.8 | 333.2 | 10.4 | 66.1 | 1.4 | 330. |
| 3.9 | 21.1 | 1482.8 | 850.0 | 21.8 | 10.0 | 197.5 | 5.1 | 1.5 | 4.9 | 310.3 | 336.1 | 9.1 | 46.9 | 1.7 | 336. |
| 4.7 | 23.9 | 1742.0 | 825.0 | 20.9 | 9.0 | 226.1 | 6.5 | 4.7 | 4.5 | 311.9 | 336.9 | 8.8 | 46.2 | 1.8 | 343. |
| 5.6 | 26.4 | 2007.8 | 800.0 | 19.5 | 8.8 | 216.0 | 7.6 | 4.4 | 6.1 | 313.1 | 338.7 | 9.0 | 50.1 | 2.1 | 352. |
| 6.5 | 29.3 | 2280.2 | 775.0 | 17.3 | 7.0 | 215.2 | 10.5 | 6.0 | 8.5 | 313.5 | 337.1 | 8.2 | 50.9 | 2.4 | 359. |
| 7.3 | 32.1 | 2560.2 | 750.0 | 14.8 | 2.6 | 225.2 | 10.7 | 7.6 | 7.5 | 315.6 | 333.8 | 6.2 | 38.5 | 2.9 | 7. |
| 8.2 | 35.0 | 2847.8 | 725.0 | 14.5 | -2.7 | 226.5 | 9.3 | 6.7 | 6.4 | 315.9 | 328.9 | 4.3 | 30.4 | 3.3 | 13. |
| 9.1 | 37.8 | 3143.6 | 700.0 | 13.5 | -20.2 | 220.4 | 8.2 | 5.3 | 6.2 | 317.6 | 321.2 | 1.1 | 7.9 | 3.7 | 17. |
| 10.1 | 40.7 | 3442.1 | 675.0 | 11.4 | -22.4 | 222.4 | 8.2 | 5.6 | 6.1 | 318.5 | 321.6 | 0.9 | 7.5 | 4.1 | 14. |
| 11.1 | 43.6 | 3761.5 | 650.0 | 8.6 | -18.7 | 224.0 | 8.5 | 5.9 | 6.1 | 318.9 | 324.0 | 1.6 | 14.8 | 4.6 | 22. |
| 12.1 | 46.8 | 4083.9 | 625.0 | 5.9 | -13.3 | 221.5 | 9.8 | 6.5 | 7.4 | 319.5 | 326.5 | 2.2 | 23.8 | 5.1 | 24. |
| 13.2 | 50.1 | 4416.1 | 600.0 | 3.0 | -18.6 | 222.2 | 11.3 | 7.6 | 8.3 | 319.8 | 324.6 | 1.5 | 12.5 | 5.8 | 26. |
| 14.3 | 53.1 | 4758.9 | 575.0 | 0.1 | -18.2 | 222.3 | 13.1 | 8.8 | 9.7 | 320.2 | 325.4 | 1.6 | 23.6 | 6.6 | 28. |
| 15.6 | 56.1 | 5112.8 | 550.0 | -3.1 | -15.5 | 234.3 | 15.0 | 12.4 | 8.9 | 320.6 | 327.3 | 2.1 | 37.6 | 7.6 | 30. |
| 16.7 | 59.5 | 5479.3 | 525.0 | -5.8 | -19.6 | 247.6 | 18.3 | 16.7 | 6.8 | 321.6 | 326.8 | 1.5 | 32.5 | 8.6 | 35. |
| 17.9 | 63.1 | 5859.2 | 500.0 | -9.2 | -24.8 | 255.3 | 19.3 | 18.6 | 4.9 | 321.9 | 325.5 | 1.1 | 28.3 | 9.7 | 39. |
| 19.1 | 66.4 | 6254.2 | 475.0 | -11.6 | -35.8 | 257.7 | 19.6 | 19.1 | 4.2 | 323.6 | 324.4 | 0.2 | 6.0 | 10.9 | 44. |
| 20.4 | 70.1 | 6666.8 | 450.0 | -13.7 | -58.6 | 257.1 | 19.7 | 15.3 | 3.5 | 326.0 | 326.1 | 0.0 | 1.0 | 12.0 | 46. |
| 21.4 | 73.9 | 7095.0 | 425.0 | -17.1 | -60.8 | 253.0 | 15.5 | 14.8 | 4.5 | 327.0 | 327.1 | 0.0 | 1.0 | 13.1 | 50. |
| 23.1 | 77.8 | 7550.1 | 400.0 | -20.0 | -62.7 | 254.5 | 17.9 | 17.2 | 4.8 | 328.9 | 329.0 | 0.0 | 1.0 | 14.4 | 52. |
| 24.7 | 81.7 | 8025.9 | 375.0 | -23.2 | -61.2 | 265.1 | 22.0 | 21.9 | 1.9 | 330.8 | 331.2 | 0.1 | 6.2 | 16.0 | 53. |
| 26.1 | 85.8 | 8526.7 | 350.0 | -27.4 | -32.9 | 266.4 | 27.2 | 27.1 | 1.7 | 331.8 | 334.2 | 0.7 | 59.5 | 17.8 | 54. |
| 27.9 | 90.2 | 9056.2 | 325.0 | -31.1 | -36.2 | 266.4 | 30.1 | 30.0 | 3.0 | 333.7 | 335.6 | 0.5 | 60.6 | 20.6 | 63. |
| 29.5 | 94.8 | 9618.1 | 300.0 | -36.0 | -42.2 | 261.7 | 30.9 | 30.6 | 4.4 | 334.6 | 335.7 | 0.3 | 52.5 | 23.5 | 65. |
| 31.4 | 99.6 | 10216.1 | 275.0 | -41.0 | 99.9 | 259.2 | 32.8 | 32.2 | 6.2 | 335.8 | 339.9 | 99.9 | 99.9 | 27.0 | 67. |
| 33.5 | 104.6 | 10857.6 | 250.0 | -46.2 | 99.9 | 255.6 | 37.7 | 37.0 | 7.5 | 337.4 | 344.9 | 99.9 | 99.9 | 31.4 | 69. |
| 35.6 | 110.0 | 11548.9 | 225.0 | -52.0 | 99.9 | 257.7 | 36.4 | 35.5 | 7.7 | 338.8 | 349.9 | 99.9 | 99.9 | 36.0 | 70. |
| 37.9 | 115.4 | 12301.0 | 200.0 | -58.5 | 99.9 | 264.3 | 39.1 | 38.9 | 3.9 | 340.2 | 349.9 | 99.9 | 99.9 | 41.1 | 71. |
| 40.6 | 122.0 | 13126.7 | 175.0 | -65.0 | 99.9 | 274.4 | 42.2 | 42.1 | -3.3 | 342.6 | 349.9 | 99.9 | 99.9 | 47.3 | 74. |
| 43.6 | 128.7 | 14066.1 | 150.0 | -69.6 | 99.9 | 288.2 | 32.0 | 32.0 | 1.0 | 358.9 | 349.9 | 99.9 | 99.9 | 54.5 | 77. |
| 47.2 | 135.8 | 15179.0 | 125.0 | -66.0 | 99.9 | 286.3 | 24.7 | 24.0 | 5.8 | 375.6 | 349.9 | 99.9 | 99.9 | 61.3 | 77. |
| 51.9 | 143.3 | 16529.6 | 100.0 | -68.9 | 99.9 | 280.6 | 20.7 | 20.4 | 3.4 | 394.6 | 349.9 | 99.9 | 99.9 | 67.4 | 77. |
| 57.1 | 151.0 | 18235.1 | 75.0 | -70.9 | 99.9 | 283.7 | 16.2 | 14.8 | 6.7 | 424.3 | 349.9 | 99.9 | 99.9 | 72.8 | 76. |
| 64.5 | 159.7 | 20726.8 | 50.0 | -58.3 | 99.9 | 257.9 | 4.8 | 4.7 | 1.0 | 506.3 | 349.9 | 99.9 | 99.9 | 76.2 | 76. |
| 75.8 | 169.0 | 25162.8 | 25.0 | -51.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 637.2 | 599.9 | 99.9 | 99.9 | 999.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 265
MIDLAND, TEX24 APRIL 1975
1415 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ CG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 12.2 | 873.0 | 912.0 | 21.8 | 15.0 | 190.0 | 3.6 | 0.6 | 2.5 | 304.5 | 338.1 | 12.4 | 68.0 | 0.0 | 0. |
| 99.3 | 95.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.3 | 95.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.3 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.3 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.4 | 13.3 | 968.1 | 900.0 | 20.7 | 15.7 | 184.3 | 6.1 | 0.5 | 6.0 | 304.5 | 338.7 | 12.6 | 73.3 | 0.2 | 61. |
| 1.3 | 15.5 | 1222.1 | 875.0 | 20.2 | 14.6 | 243.1 | 6.0 | 5.4 | 2.7 | 304.4 | 339.4 | 12.0 | 70.0 | 0.5 | 42. |
| 2.2 | 17.4 | 1462.9 | 850.0 | 22.0 | -7.3 | 256.8 | 7.1 | 6.3 | -3.2 | 304.6 | 317.6 | 2.6 | 13.6 | 0.8 | 67. |
| 3.2 | 20.2 | 1740.8 | 825.0 | 20.4 | -9.6 | 311.3 | 7.2 | 5.4 | -4.8 | 310.4 | 317.3 | 2.2 | 12.3 | 1.0 | 67. |
| 4.2 | 22.5 | 2004.8 | 800.0 | 18.3 | -11.1 | 314.9 | 6.4 | 4.5 | -4.5 | 310.9 | 317.3 | 2.1 | 12.5 | 1.4 | 100. |
| 5.1 | 25.1 | 2275.1 | 775.0 | 16.3 | -12.5 | 307.4 | 4.8 | 3.8 | -2.9 | 311.6 | 317.5 | 1.9 | 12.6 | 1.6 | 101. |
| 6.2 | 27.4 | 2552.5 | 750.0 | 14.2 | -13.9 | 280.2 | 6.9 | 6.8 | -1.2 | 312.2 | 317.7 | 1.7 | 12.8 | 2.0 | 137. |
| 7.1 | 30.0 | 2836.6 | 725.0 | 11.5 | -12.9 | 253.2 | 8.6 | 6.6 | 0.4 | 312.3 | 318.4 | 2.0 | 16.7 | 2.3 | 135. |
| 8.1 | 32.7 | 3128.7 | 700.0 | 9.3 | -14.2 | 226.3 | 10.6 | 10.0 | 3.6 | 313.6 | 318.6 | 1.8 | 17.4 | 2.7 | 120. |
| 9.1 | 35.4 | 3422.7 | 675.0 | 7.0 | -16.5 | 250.4 | 10.6 | 10.0 | 3.6 | 313.6 | 318.6 | 1.6 | 16.9 | 3.3 | 95. |
| 10.2 | 38.0 | 3737.3 | 650.0 | 4.8 | -17.1 | 241.2 | 11.7 | 10.3 | 5.6 | 314.6 | 317.4 | 1.5 | 18.2 | 3.5 | 90. |
| 11.4 | 40.7 | 4055.5 | 625.0 | 2.2 | -20.1 | 242.2 | 14.5 | 12.9 | 6.8 | 315.1 | 317.1 | 1.2 | 17.2 | 4.7 | 85. |
| 12.5 | 43.6 | 4383.5 | 600.0 | 0.3 | -23.2 | 248.5 | 17.7 | 16.4 | 6.5 | 315.5 | 319.7 | 1.0 | 15.2 | 5.8 | 91. |
| 13.8 | 46.6 | 4723.2 | 575.0 | -1.8 | -25.9 | 247.3 | 19.6 | 18.0 | 7.5 | 318.0 | 320.7 | 0.8 | 13.7 | 7.2 | 70. |
| 15.2 | 49.8 | 5075.3 | 550.0 | -3.8 | -27.4 | 237.0 | 21.6 | 18.1 | 11.8 | 318.7 | 322.1 | 0.7 | 13.8 | 8.9 | 70. |
| 16.5 | 52.7 | 5440.7 | 525.0 | -6.7 | -29.6 | 234.2 | 21.2 | 17.3 | 12.4 | 320.9 | 322.5 | 0.6 | 14.1 | 10.4 | 72. |
| 17.7 | 55.8 | 5819.3 | 500.0 | -10.0 | -32.0 | 235.4 | 21.1 | 17.3 | 12.4 | 320.9 | 322.5 | 0.5 | 14.4 | 12.0 | 70. |
| 18.9 | 58.1 | 6212.2 | 475.0 | -13.4 | -34.6 | 235.4 | 19.2 | 15.8 | 16.9 | 318.0 | 322.9 | 0.4 | 14.7 | 13.4 | 64. |
| 20.4 | 62.7 | 6621.2 | 450.0 | -16.6 | -37.1 | 233.8 | 16.9 | 13.0 | 10.0 | 318.3 | 323.6 | 0.3 | 15.0 | 14.8 | 67. |
| 21.7 | 65.3 | 7047.6 | 425.0 | -20.1 | -39.8 | 232.9 | 19.2 | 15.3 | 11.6 | 324.2 | 324.2 | 0.3 | 15.3 | 16.3 | 61. |
| 23.2 | 69.3 | 7494.0 | 400.0 | -23.5 | -42.4 | 238.6 | 19.4 | 16.6 | 10.1 | 324.4 | 325.3 | 0.2 | 15.6 | 18.0 | 61. |
| 25.0 | 73.4 | 7962.9 | 375.0 | -26.4 | -44.7 | 249.6 | 24.7 | 23.1 | 8.7 | 324.5 | 327.2 | 0.2 | 15.8 | 20.3 | 65. |
| 26.7 | 77.5 | 8457.8 | 350.0 | -30.2 | -47.7 | 254.4 | 30.5 | 30.1 | 7.3 | 328.0 | 328.5 | 0.1 | 16.1 | 23.1 | 67. |
| 28.5 | 81.5 | 8980.3 | 325.0 | -34.6 | -51.2 | 256.6 | 29.5 | 28.7 | 6.9 | 328.6 | 328.6 | 0.1 | 16.5 | 26.5 | 67. |
| 30.6 | 85.8 | 9534.1 | 300.0 | -39.2 | -54.9 | 256.1 | 33.4 | 35.4 | 8.0 | 330.0 | 330.3 | 0.1 | 16.9 | 30.3 | 64. |
| 32.6 | 90.6 | 10126.2 | 275.0 | -43.1 | -59.9 | 260.9 | 36.3 | 35.8 | 5.7 | 332.8 | 999.9 | 99.9 | 999.9 | 34.5 | 70. |
| 34.6 | 95.4 | 10761.7 | 250.0 | -47.6 | -64.9 | 258.4 | 41.5 | 40.6 | 8.4 | 335.3 | 999.9 | 99.9 | 999.9 | 39.2 | 71. |
| 36.9 | 100.6 | 11446.4 | 225.0 | -53.5 | -69.9 | 264.5 | 45.9 | 45.7 | 4.4 | 336.6 | 999.9 | 99.9 | 999.9 | 45.0 | 72. |
| 39.3 | 106.3 | 12196.3 | 200.0 | -59.1 | -74.9 | 267.1 | 50.2 | 50.1 | 2.5 | 339.2 | 999.9 | 99.9 | 999.9 | 51.4 | 74. |
| 42.2 | 112.5 | 13023.6 | 175.0 | -63.3 | -79.9 | 265.2 | 51.2 | 51.0 | 4.3 | 345.5 | 999.9 | 99.9 | 999.9 | 56.7 | 74. |
| 45.2 | 119.3 | 13973.0 | 150.0 | -62.6 | -84.9 | 261.2 | 34.0 | 33.6 | 5.2 | 362.2 | 999.9 | 99.9 | 999.9 | 67.9 | 77. |
| 48.4 | 127.0 | 15100.4 | 125.0 | -62.0 | -89.9 | 259.7 | 33.8 | 32.8 | 8.3 | 381.6 | 999.9 | 99.9 | 999.9 | 74.7 | 77. |
| 53.4 | 136.0 | 16470.4 | 100.0 | -65.5 | -94.9 | 258.7 | 24.0 | 23.5 | 4.7 | 401.2 | 999.9 | 99.9 | 999.9 | 82.7 | 77. |
| 59.1 | 145.0 | 18206.7 | 75.0 | -66.1 | -99.9 | 251.7 | 10.7 | 10.1 | 3.3 | 434.3 | 999.9 | 99.9 | 999.9 | 89.7 | 74. |
| 67.4 | 156.0 | 20732.0 | 50.0 | -57.0 | -99.9 | 99.9 | 6.5 | -0.3 | -2.7 | 509.2 | 999.9 | 99.9 | 999.9 | 91.7 | 77. |
| 70.8 | 166.0 | 25190.3 | 25.0 | -52.3 | -99.9 | 999.9 | 99.9 | 99.9 | 50.9 | 634.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 1 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 304

MATTERAS, NC

24 APRIL 1975
1500 GMT

| TIME MIN | CATCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT Y DG K | E PUT Y DG K | MX RTD GM/KG | SW PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.0 | 4.0 | 1023.4 | 21.5 | 14.9 | 220.0 | 6.2 | 4.0 | 4.7 | 254.1 | 321.5 | 10.5 | 66.0 | 0.0 | 0 |
| 0.8 | 6.0 | 204.2 | 1000.0 | 20.3 | 12.5 | 221.1 | 14.1 | 9.3 | 10.6 | 254.6 | 318.8 | 9.2 | 60.9 | 0.5 | 43 |
| 1.5 | 6.0 | 422.4 | 975.0 | 18.5 | 11.1 | 219.4 | 16.4 | 10.4 | 12.7 | 254.9 | 317.7 | 8.6 | 62.2 | 1.2 | 42 |
| 2.2 | 16.9 | 646.6 | 950.0 | 16.0 | 10.3 | 215.6 | 15.0 | 8.7 | 12.2 | 254.5 | 316.6 | 8.3 | 68.8 | 1.8 | 40 |
| 2.0 | 15.2 | 870.5 | 925.0 | 13.7 | 9.3 | 212.6 | 16.4 | 8.8 | 13.0 | 254.4 | 315.6 | 8.0 | 74.9 | 2.5 | 39 |
| 3.6 | 15.5 | 1101.1 | 900.0 | 11.8 | 9.1 | 210.3 | 16.0 | 8.0 | 17.8 | 254.7 | 316.3 | 8.1 | 83.6 | 3.2 | 37 |
| 4.4 | 18.0 | 1336.5 | 875.0 | 10.1 | 7.8 | 213.9 | 15.5 | 8.7 | 12.9 | 255.2 | 315.7 | 7.6 | 86.1 | 3.9 | 36 |
| 5.1 | 20.5 | 1577.6 | 850.0 | 9.9 | 5.0 | 230.4 | 15.5 | 11.9 | 9.9 | 256.9 | 305.9 | 3.2 | 35.5 | 4.6 | 37 |
| 5.7 | 23.3 | 1824.6 | 825.0 | 8.4 | -0.1 | 242.6 | 13.6 | 12.1 | 6.3 | 247.8 | 304.5 | 2.3 | 27.7 | 5.1 | 35 |
| 6.6 | 25.6 | 2076.4 | 800.0 | 6.8 | 4.2 | 250.7 | 11.2 | 10.5 | 3.7 | 259.3 | 317.3 | 6.5 | 83.9 | 5.7 | 42 |
| 7.5 | 28.3 | 2339.3 | 775.0 | 5.5 | 3.1 | 256.3 | 9.7 | 9.4 | 2.3 | 300.6 | 317.8 | 6.2 | 84.7 | 6.1 | 45 |
| 8.4 | 31.0 | 2607.2 | 750.0 | 4.4 | 3.6 | 262.2 | 8.4 | 8.4 | 1.2 | 302.2 | 320.7 | 6.7 | 84.9 | 6.5 | 47 |
| 9.2 | 32.9 | 2863.1 | 725.0 | 2.9 | 0.9 | 267.7 | 7.2 | 7.2 | 0.3 | 303.4 | 319.3 | 5.7 | 86.7 | 6.8 | 49 |
| 10.0 | 36.5 | 3167.7 | 700.0 | 2.0 | -1.0 | 270.9 | 6.9 | 6.4 | -0.1 | 305.4 | 319.9 | 5.1 | 80.1 | 7.1 | 51 |
| 11.0 | 38.4 | 3460.7 | 675.0 | 0.2 | -2.7 | 276.1 | 6.4 | 6.4 | -0.7 | 306.4 | 319.9 | 4.7 | 81.0 | 7.4 | 53 |
| 11.9 | 48.1 | 3762.6 | 650.0 | -1.9 | -4.7 | 277.3 | 6.0 | 6.0 | -0.8 | 307.3 | 319.4 | 4.1 | 81.0 | 7.6 | 55 |
| 13.0 | 45.2 | 4074.0 | 625.0 | -3.7 | -7.2 | 283.7 | 8.0 | 7.7 | -1.9 | 308.4 | 319.0 | 3.6 | 78.0 | 7.9 | 57 |
| 14.0 | 48.3 | 4395.7 | 600.0 | -4.4 | -15.1 | 289.3 | 12.7 | 12.0 | -4.2 | 311.3 | 317.5 | 2.0 | 44.2 | 8.3 | 40 |
| 15.1 | 51.3 | 4731.1 | 575.0 | -6.6 | -24.5 | 294.5 | 14.4 | 13.7 | -4.3 | 314.7 | 317.6 | 0.9 | 19.3 | 9.0 | 45 |
| 16.3 | 54.5 | 5079.0 | 550.0 | -7.5 | -25.6 | 296.1 | 13.6 | 13.4 | -2.1 | 315.2 | 318.1 | 0.9 | 21.9 | 9.8 | 59 |
| 17.4 | 57.5 | 5439.9 | 525.0 | -11.0 | -25.6 | 277.2 | 14.6 | 14.5 | -1.8 | 315.3 | 318.3 | 0.9 | 25.5 | 10.6 | 71 |
| 18.7 | 61.0 | 5811.3 | 500.0 | -14.2 | -23.1 | 284.3 | 16.8 | 16.3 | -4.2 | 315.6 | 314.7 | 1.2 | 46.5 | 11.7 | 74 |
| 19.9 | 65.4 | 6194.9 | 475.0 | -15.8 | -42.6 | 295.0 | 17.0 | 15.4 | -7.2 | 318.3 | 319.0 | 0.2 | 7.9 | 12.7 | 77 |
| 21.3 | 67.8 | 6505.7 | 450.0 | -17.8 | -44.0 | 293.8 | 17.7 | 15.2 | -7.1 | 320.8 | 321.5 | 0.2 | 8.0 | 13.9 | 81 |
| 22.9 | 71.3 | 7031.0 | 425.0 | -20.7 | -43.0 | 256.6 | 16.1 | 14.4 | -7.2 | 324.5 | 323.2 | 0.2 | 11.4 | 15.2 | 84 |
| 24.3 | 75.0 | 7476.0 | 400.0 | -24.1 | -41.9 | 298.1 | 14.9 | 13.2 | -7.0 | 324.6 | 324.5 | 0.2 | 17.3 | 16.3 | 97 |
| 25.7 | 78.0 | 7842.7 | 375.0 | -28.3 | -46.4 | 291.4 | 14.4 | 13.4 | -5.2 | 324.1 | 324.6 | 0.2 | 15.7 | 17.4 | 89 |
| 27.2 | 82.8 | 8233.9 | 350.0 | -32.2 | -45.5 | 295.1 | 14.6 | 12.8 | -7.1 | 325.3 | 326.0 | 0.2 | 24.9 | 18.7 | 90 |
| 28.7 | 85.8 | 8553.9 | 325.0 | -35.4 | -49.3 | 306.0 | 13.3 | 10.7 | -7.8 | 327.8 | 326.3 | 0.1 | 22.2 | 19.7 | 93 |
| 30.4 | 51.3 | 9126.8 | 300.0 | -34.8 | 99.9 | 305.7 | 13.9 | 10.7 | -8.9 | 329.4 | 999.9 | 99.9 | 999.9 | 20.8 | 54 |
| 32.4 | 55.8 | 10095.2 | 275.0 | -44.9 | 99.9 | 310.2 | 15.2 | 11.6 | -6.9 | 330.2 | 999.9 | 99.9 | 999.9 | 22.1 | 77 |
| 34.4 | 100.6 | 10725.1 | 250.0 | -50.1 | 99.9 | 303.0 | 16.4 | 13.7 | -6.9 | 331.6 | 999.9 | 99.9 | 999.9 | 23.9 | 99 |
| 36.4 | 105.6 | 11403.9 | 225.0 | -56.1 | 99.9 | 304.9 | 21.1 | 17.3 | -12.1 | 332.5 | 999.9 | 99.9 | 999.9 | 25.9 | 101 |
| 38.9 | 111.3 | 12144.2 | 200.0 | -60.5 | 99.9 | 300.5 | 20.6 | 24.7 | -14.5 | 337.0 | 999.9 | 99.9 | 999.9 | 25.6 | 134 |
| 41.3 | 117.0 | 12867.7 | 175.0 | -64.8 | 99.9 | 318.0 | 24.7 | 16.5 | -16.4 | 343.0 | 999.9 | 99.9 | 999.9 | 33.3 | 137 |
| 44.2 | 125.9 | 13915.5 | 150.0 | -60.9 | 99.9 | 292.0 | 33.9 | 31.4 | -12.7 | 365.2 | 999.9 | 99.9 | 999.9 | 37.9 | 109 |
| 47.9 | 131.0 | 15056.3 | 125.0 | -56.1 | 99.9 | 290.5 | 23.9 | 28.4 | -8.4 | 393.5 | 999.9 | 99.9 | 999.9 | 45.1 | 139 |
| 51.6 | 126.7 | 16448.9 | 100.0 | -63.4 | 99.9 | 297.8 | 22.4 | 19.8 | -10.5 | 405.2 | 999.9 | 99.9 | 999.9 | 50.8 | 139 |
| 54.6 | 147.0 | 18194.6 | 75.0 | -66.2 | 99.9 | 256.2 | 14.5 | 12.8 | -6.9 | 434.2 | 999.9 | 99.9 | 999.9 | 55.9 | 109 |
| 63.4 | 156.5 | 20701.6 | 50.0 | -57.7 | 99.9 | 57.9 | 1.0 | -1.0 | 0.1 | 507.5 | 999.9 | 99.9 | 999.9 | 56.6 | 111 |
| 73.7 | 167.0 | 25143.0 | 25.0 | -51.2 | 99.9 | 301.8 | 2.2 | 1.8 | -1.1 | 437.5 | 999.9 | 99.9 | 999.9 | 56.2 | 112 |

ORIGINAL PAGE IS
OF POOR QUALITY

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311
ATMOS. GA

24 APRIL 1975
1500 GMT

| TIME MIN | CHTCT | HEIGHT GFW | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 0.0 | 246.0 | 992.6 | 20.6 | 15.6 | 220.0 | 6.7 | 4.3 | 5.1 | 295.9 | 325.6 | 11.3 | 73.0 | 0.7 | C. |
| 99.0 | 99.0 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 0.0 | 259.6 | 575.0 | 17.5 | 11.6 | 218.5 | 9.8 | 5.5 | 6.8 | 294.0 | 317.3 | 8.9 | 68.1 | 0.2 | 23. |
| 1.0 | 10.0 | 621.3 | 550.0 | 15.9 | 12.0 | 217.9 | 9.4 | 5.8 | 7.4 | 294.6 | 319.2 | 9.3 | 77.5 | 0.4 | 31. |
| 1.6 | 13.3 | 847.2 | 925.0 | 13.6 | 9.6 | 219.4 | 11.7 | 7.4 | 9.0 | 294.3 | 316.0 | 8.2 | 76.8 | 0.9 | 34. |
| 2.4 | 15.7 | 1076.5 | 900.0 | 13.6 | 10.9 | 220.5 | 14.6 | 10.3 | 10.4 | 296.7 | 321.1 | 5.2 | 83.6 | 1.5 | 37. |
| 3.2 | 18.1 | 1315.4 | 875.0 | 11.3 | 10.0 | 232.9 | 15.7 | 12.5 | 9.5 | 296.7 | 320.3 | 8.9 | 91.8 | 2.2 | 41. |
| 4.1 | 20.5 | 1557.7 | 850.0 | 10.4 | 1.5 | 238.1 | 16.5 | 14.0 | 8.7 | 297.7 | 312.1 | 5.2 | 56.8 | 3.1 | 45. |
| 5.0 | 23.0 | 1804.0 | 825.0 | 12.4 | -11.2 | 239.6 | 14.4 | 12.4 | 7.3 | 322.0 | 307.9 | 2.0 | 18.0 | 3.3 | 46. |
| 5.9 | 25.6 | 2044.8 | 800.0 | 11.1 | 3.0 | 240.2 | 12.3 | 11.2 | 4.9 | 303.7 | 320.5 | 6.0 | 57.3 | 4.5 | 51. |
| 6.8 | 28.2 | 2329.6 | 775.0 | 9.5 | 0.9 | 241.1 | 12.9 | 11.2 | 6.2 | 304.7 | 319.7 | 5.3 | 55.0 | 5.3 | 53. |
| 7.9 | 31.0 | 2600.4 | 750.0 | 8.2 | 0.9 | 235.5 | 13.4 | 11.2 | 7.4 | 306.2 | 321.8 | 5.5 | 60.2 | 6.0 | 53. |
| 9.7 | 33.8 | 2875.4 | 725.0 | 5.4 | -0.0 | 237.0 | 14.2 | 12.0 | 7.6 | 306.1 | 321.2 | 5.3 | 67.9 | 8.4 | 53. |
| 10.7 | 36.3 | 3165.6 | 700.0 | 4.0 | -0.4 | 243.0 | 14.4 | 12.8 | 6.5 | 307.4 | 317.5 | 3.4 | 47.1 | 7.6 | 54. |
| 11.9 | 42.0 | 3765.2 | 650.0 | 1.5 | -12.7 | 261.9 | 14.8 | 14.6 | 5.1 | 310.5 | 317.7 | 2.2 | 33.8 | 9.5 | 57. |
| 12.9 | 45.0 | 4079.9 | 625.0 | -0.8 | -12.0 | 269.9 | 17.1 | 17.1 | 0.0 | 311.9 | 319.3 | 2.4 | 42.1 | 10.1 | 60. |
| 14.0 | 48.1 | 4434.5 | 600.0 | -3.6 | -12.0 | 272.1 | 19.1 | 19.1 | -0.7 | 312.2 | 320.0 | 2.5 | 52.2 | 11.5 | 63. |
| 15.2 | 51.0 | 4740.0 | 575.0 | -5.1 | -10.7 | 265.5 | 17.9 | 17.8 | 1.4 | 314.4 | 323.4 | 3.0 | 64.9 | 12.6 | 60. |
| 16.4 | 54.3 | 5088.1 | 550.0 | -7.5 | -15.0 | 257.4 | 16.9 | 16.5 | 3.7 | 315.4 | 322.2 | 2.2 | 54.9 | 13.8 | 67. |
| 17.5 | 57.3 | 5448.9 | 525.0 | -5.9 | -20.1 | 241.3 | 17.2 | 17.0 | 2.6 | 316.6 | 321.4 | 1.5 | 43.4 | 14.6 | 64. |
| 18.4 | 60.7 | 5823.5 | 500.0 | -12.8 | -21.5 | 271.2 | 18.8 | 18.8 | -0.4 | 317.6 | 322.0 | 1.4 | 47.9 | 16.2 | 70. |
| 20.2 | 64.2 | 6212.4 | 475.0 | -16.0 | -23.1 | 282.9 | 19.2 | 19.7 | -4.3 | 318.3 | 322.4 | 1.2 | 54.2 | 17.7 | 74. |
| 21.6 | 67.6 | 6619.0 | 450.0 | -18.2 | -40.3 | 282.6 | 18.1 | 17.7 | -4.0 | 320.3 | 322.2 | 0.6 | 28.0 | 19.5 | 75. |
| 23.1 | 71.3 | 7043.0 | 425.0 | -20.5 | -53.6 | 282.2 | 17.4 | 17.0 | -3.7 | 322.6 | 322.8 | 0.1 | 34.3 | 20.5 | 77. |
| 24.7 | 74.3 | 7487.8 | 400.0 | -24.7 | -40.1 | 278.5 | 19.2 | 19.0 | -2.9 | 322.8 | 323.8 | 0.3 | 22.4 | 22.1 | 79. |
| 26.3 | 78.9 | 7954.2 | 375.0 | -29.3 | -57.4 | 278.4 | 19.4 | 19.2 | -2.8 | 324.1 | 324.2 | 0.0 | 4.2 | 23.4 | 82. |
| 28.1 | 82.8 | 8446.0 | 350.0 | -31.3 | -59.0 | 289.6 | 22.7 | 21.4 | -7.6 | 324.5 | 324.7 | 0.0 | 4.5 | 25.8 | 82. |
| 29.8 | 86.9 | 8967.4 | 325.0 | -34.9 | -61.1 | 293.9 | 20.5 | 18.8 | -6.3 | 328.5 | 328.6 | 0.0 | 4.0 | 27.6 | 84. |
| 31.7 | 91.4 | 9520.5 | 300.0 | -39.7 | 99.9 | 298.2 | 22.1 | 21.0 | -6.9 | 329.4 | 329.9 | 99.9 | 99.9 | 29.1 | 87. |
| 33.7 | 96.3 | 10108.6 | 275.0 | -45.1 | 99.9 | 280.0 | 20.4 | 19.6 | -5.6 | 330.0 | 329.9 | 99.9 | 99.9 | 32.2 | 87. |
| 35.8 | 100.3 | 10737.3 | 250.0 | -50.6 | 99.9 | 283.1 | 20.4 | 19.9 | -4.6 | 330.9 | 329.9 | 99.9 | 99.9 | 34.1 | 89. |
| 38.2 | 106.2 | 11417.9 | 225.0 | -55.0 | 99.9 | 265.1 | 20.2 | 18.3 | -8.6 | 336.3 | 329.9 | 99.9 | 99.9 | 37.4 | 91. |
| 40.5 | 111.6 | 12102.8 | 200.0 | -59.5 | 99.9 | 288.1 | 24.7 | 23.7 | -6.9 | 338.5 | 329.9 | 99.9 | 99.9 | 40.1 | 92. |
| 42.9 | 117.5 | 12967.0 | 175.0 | -61.7 | 99.9 | 270.7 | 26.5 | 26.5 | -0.3 | 346.1 | 329.9 | 99.9 | 99.9 | 42.2 | 92. |
| 46.0 | 124.3 | 13956.5 | 150.0 | -58.6 | 99.9 | 268.1 | 31.9 | 31.9 | 0.5 | 345.2 | 329.9 | 99.9 | 99.9 | 44.0 | 93. |
| 48.2 | 131.3 | 15096.8 | 125.0 | -61.0 | 99.9 | 285.2 | 27.2 | 26.2 | -7.1 | 348.6 | 329.9 | 99.9 | 99.9 | 45.2 | 92. |
| 53.2 | 136.3 | 16655.8 | 100.0 | -66.8 | 99.9 | 271.2 | 19.7 | 19.7 | -0.4 | 358.7 | 329.9 | 99.9 | 99.9 | 55.2 | 93. |
| 58.5 | 142.5 | 18205.6 | 75.0 | -65.4 | 99.9 | 303.6 | 9.9 | 7.4 | -4.3 | 435.9 | 329.9 | 99.9 | 99.9 | 60.6 | 94. |
| 63.5 | 153.0 | 20895.7 | 50.0 | -60.3 | 99.9 | 328.6 | 6.0 | 3.0 | -5.2 | 501.5 | 329.9 | 99.9 | 99.9 | 65.5 | 94. |
| 77.3 | 161.0 | 25130.0 | 25.0 | -50.2 | 99.9 | 70.0 | 2.8 | -2.7 | -1.0 | 630.4 | 329.9 | 99.9 | 99.9 | 66.9 | 97. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 317
GREENSBORO, NC24 APRIL 1975
1415 GMT

| TIME MIN | CNTCT | HEIGHT GEW | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DEG K | E POT Y DEG K | WX PTO GM/KG | RH PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.3 | 7.5 | 275.0 | 987.9 | 20.6 | 15.4 | 210.0 | 7.7 | 3.8 | 6.7 | 296.3 | 326.6 | 11.5 | 74.0 | 0.3 | 0. |
| 0.9 | 96.9 | 96.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 8.4 | 386.4 | 975.0 | 16.7 | 11.6 | 99.9 | 99.9 | 99.9 | 99.9 | 255.2 | 319.7 | 8.9 | 63.2 | 99.9 | 99.9 |
| 1.3 | 11.1 | 610.4 | 950.0 | 16.0 | 11.6 | 99.9 | 99.9 | 99.9 | 99.9 | 294.6 | 319.7 | 9.1 | 75.6 | 99.9 | 99.9 |
| 2.2 | 13.7 | 835.7 | 925.0 | 13.7 | 11.7 | 224.8 | 15.6 | 11.0 | 11.1 | 254.5 | 319.4 | 9.4 | 88.2 | 1.6 | 44. |
| 3.3 | 16.1 | 1067.4 | 900.0 | 12.4 | 10.6 | 231.6 | 20.9 | 16.4 | 13.0 | 295.4 | 319.2 | 9.0 | 89.1 | 3.1 | 47. |
| 4.5 | 18.7 | 1304.8 | 875.0 | 12.7 | 7.4 | 240.8 | 19.8 | 17.3 | 9.7 | 298.0 | 318.1 | 7.4 | 69.9 | 4.5 | 50. |
| 5.5 | 21.1 | 1547.7 | 850.0 | 11.1 | 5.4 | 247.4 | 22.8 | 21.0 | 8.7 | 298.6 | 316.8 | 6.6 | 69.1 | 5.7 | 53. |
| 6.5 | 23.3 | 1796.6 | 825.0 | 9.7 | 1.4 | 253.9 | 21.1 | 18.9 | 9.3 | 299.5 | 313.9 | 5.2 | 56.5 | 6.9 | 55. |
| 7.5 | 26.3 | 2051.7 | 800.0 | 8.5 | 3.6 | 244.9 | 19.3 | 17.5 | 8.2 | 301.0 | 318.3 | 6.2 | 71.5 | 8.2 | 57. |
| 8.9 | 29.2 | 2314.4 | 775.0 | 7.7 | 2.4 | 251.9 | 16.3 | 15.5 | 5.1 | 302.5 | 319.4 | 5.9 | 69.0 | 9.4 | 58. |
| 10.8 | 35.0 | 2661.7 | 725.0 | 6.3 | 1.7 | 253.4 | 16.5 | 15.8 | 4.7 | 304.1 | 320.5 | 5.8 | 72.5 | 10.5 | 59. |
| 11.3 | 37.9 | 3146.5 | 700.0 | 4.2 | 0.9 | 259.2 | 14.2 | 13.9 | 2.6 | 304.8 | 320.9 | 4.7 | 70.1 | 11.4 | 61. |
| 13.3 | 43.6 | 3439.1 | 675.0 | 0.3 | 0.6 | 253.0 | 13.8 | 13.2 | 4.0 | 304.9 | 321.1 | 5.7 | 73.1 | 12.2 | 62. |
| 14.2 | 40.6 | 3742.0 | 650.0 | -0.5 | -3.0 | 243.1 | 16.0 | 14.2 | 7.2 | 306.6 | 320.3 | 4.8 | 81.9 | 13.2 | 63. |
| 15.4 | 46.9 | 4053.2 | 625.0 | -2.0 | -8.0 | 249.6 | 19.3 | 19.0 | 7.9 | 309.0 | 322.0 | 4.5 | 78.5 | 14.5 | 63. |
| 16.6 | 50.3 | 4378.8 | 600.0 | -3.4 | -22.2 | 261.3 | 16.2 | 18.0 | 6.7 | 310.5 | 320.6 | 3.4 | 63.6 | 15.9 | 63. |
| 17.4 | 52.3 | 4712.7 | 575.0 | -6.0 | -27.1 | 259.3 | 19.0 | 18.7 | 2.7 | 312.3 | 315.7 | 1.1 | 21.7 | 17.0 | 64. |
| 19.1 | 56.3 | 5060.1 | 550.0 | -8.6 | -29.9 | 268.4 | 17.8 | 17.8 | 3.5 | 313.0 | 315.6 | 0.8 | 18.5 | 18.3 | 64. |
| 20.6 | 59.7 | 5419.4 | 525.0 | -12.0 | -23.6 | 276.0 | 18.1 | 18.0 | 0.5 | 313.9 | 316.2 | 0.7 | 19.3 | 19.2 | 64. |
| 21.4 | 63.3 | 5740.0 | 500.0 | -14.3 | -24.7 | 286.2 | 18.1 | 17.2 | -1.0 | 314.1 | 317.6 | 1.1 | 37.2 | 21.0 | 64. |
| 23.4 | 66.7 | 6177.4 | 475.0 | -16.4 | -25.7 | 290.0 | 21.6 | 20.3 | -5.7 | 315.6 | 319.0 | 1.0 | 40.9 | 22.4 | 70. |
| 25.3 | 70.5 | 6583.2 | 450.0 | -18.3 | -53.0 | 291.4 | 19.1 | 17.8 | -7.0 | 320.2 | 320.4 | 0.1 | 29.9 | 25.6 | 70. |
| 26.9 | 74.2 | 7007.2 | 425.0 | -21.4 | -54.4 | 284.4 | 19.0 | 18.4 | -4.7 | 321.5 | 321.7 | 0.1 | 3.3 | 27.1 | 70. |
| 28.6 | 78.3 | 7451.2 | 400.0 | -24.9 | -56.0 | 282.9 | 19.3 | 19.5 | -7.5 | 322.6 | 322.8 | 0.0 | 3.6 | 28.9 | 80. |
| 30.4 | 82.3 | 7911.3 | 375.0 | -28.2 | -57.7 | 288.0 | 20.5 | 19.5 | -6.3 | 324.2 | 324.3 | 0.0 | 4.0 | 30.9 | 82. |
| 32.3 | 86.5 | 8408.2 | 350.0 | -31.9 | -59.7 | 297.7 | 15.8 | 14.0 | -7.3 | 325.7 | 325.8 | 0.0 | 4.4 | 33.0 | 84. |
| 34.3 | 91.2 | 8927.4 | 325.0 | -36.3 | -62.3 | 293.2 | 24.7 | 22.7 | -9.7 | 326.5 | 326.7 | 0.0 | 4.8 | 34.6 | 84. |
| 36.4 | 95.8 | 9476.4 | 300.0 | -40.0 | -69.9 | 298.5 | 23.3 | 20.4 | -11.1 | 325.0 | 326.9 | 99.9 | 99.9 | 37.2 | 94. |
| 38.5 | 100.6 | 10065.8 | 275.0 | -45.5 | -99.9 | 305.4 | 20.6 | 16.8 | -11.7 | 329.4 | 329.9 | 99.9 | 99.9 | 39.4 | 94. |
| 40.7 | 105.6 | 10694.1 | 250.0 | -50.8 | -99.9 | 305.6 | 23.8 | 19.3 | -13.8 | 330.5 | 329.9 | 99.9 | 99.9 | 42.2 | 94. |
| 43.1 | 111.3 | 11370.9 | 225.0 | -56.6 | -99.9 | 308.2 | 20.4 | 16.0 | -12.6 | 331.2 | 329.9 | 99.9 | 99.9 | 45.1 | 94. |
| 45.8 | 117.0 | 12102.2 | 200.0 | -63.1 | -99.9 | 291.2 | 25.3 | 23.6 | -9.1 | 332.8 | 329.9 | 99.9 | 99.9 | 48.6 | 94. |
| 48.4 | 123.7 | 12925.9 | 175.0 | -61.3 | -99.9 | 291.4 | 28.0 | 26.1 | -10.2 | 348.8 | 329.9 | 99.9 | 99.9 | 51.4 | 94. |
| 52.3 | 120.5 | 13998.0 | 150.0 | -57.8 | -99.9 | 285.5 | 33.8 | 32.6 | -9.0 | 370.5 | 329.9 | 99.9 | 99.9 | 60.3 | 94. |
| 56.3 | 137.8 | 15037.6 | 125.0 | -62.0 | -99.9 | 278.9 | 25.8 | 25.5 | -4.0 | 382.7 | 329.9 | 99.9 | 99.9 | 67.0 | 100. |
| 61.1 | 144.4 | 16437.4 | 100.0 | -64.6 | -99.9 | 277.8 | 27.5 | 27.2 | -3.7 | 403.0 | 329.9 | 99.9 | 99.9 | 74.7 | 94. |
| 67.2 | 152.3 | 18161.9 | 75.0 | -64.3 | -99.9 | 303.5 | 14.0 | 11.7 | -7.7 | 438.2 | 329.9 | 99.9 | 99.9 | 79.2 | 100. |
| 75.8 | 160.3 | 20672.7 | 50.0 | -59.2 | -99.9 | 22.4 | 3.0 | -1.1 | -2.7 | 504.1 | 329.9 | 99.9 | 99.9 | 80.1 | 131. |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

ORIGINAL PAGE 12
OF POOR QUALITY

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS

STATION NO. 327
NASHVILLE, TENN24 APRIL 1975
1500 GMT

163 20. 0

| TIME MIN | CNTCT | WEIGHT GFM | PRES PB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MR RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.3 | 180.0 | 982.5 | 21.8 | 16.7 | 120.0 | 7.7 | 0.0 | 7.7 | 297.2 | 329.3 | 12.2 | 73.0 | 6.0 | 20 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 6.7 | 314.5 | 975.0 | 20.4 | 16.1 | 199.3 | 17.3 | 5.7 | 16.3 | 297.3 | 328.6 | 11.9 | 76.2 | 0.4 | 22 |
| 0.6 | 8.7 | 556.5 | 950.0 | 18.2 | 16.3 | 203.4 | 17.0 | 6.5 | 15.6 | 297.3 | 329.9 | 12.4 | 89.3 | 0.7 | 21 |
| 1.5 | 11.0 | 786.7 | 925.0 | 15.9 | 14.7 | 214.3 | 20.4 | 11.5 | 16.8 | 297.1 | 327.8 | 11.6 | 93.9 | 1.4 | 24 |
| 2.4 | 13.4 | 1020.9 | 900.0 | 13.3 | 13.6 | 228.2 | 26.5 | 18.5 | 19.0 | 298.7 | 327.9 | 11.0 | 89.8 | 2.8 | 32 |
| 3.2 | 15.6 | 1254.5 | 875.0 | 15.0 | 11.6 | 236.1 | 27.4 | 21.1 | 17.6 | 300.7 | 327.3 | 9.9 | 80.2 | 4.1 | 37 |
| 4.1 | 17.9 | 1505.1 | 850.0 | 14.3 | 9.0 | 237.3 | 25.1 | 21.1 | 13.0 | 302.3 | 325.6 | 8.5 | 70.1 | 5.4 | 41 |
| 4.9 | 20.3 | 1757.3 | 825.0 | 13.3 | 7.6 | 241.5 | 24.3 | 21.4 | 11.6 | 303.7 | 325.6 | 8.0 | 68.5 | 6.5 | 44 |
| 5.8 | 22.7 | 2015.8 | 800.0 | 11.4 | 5.3 | 243.3 | 26.0 | 23.2 | 11.7 | 304.2 | 323.9 | 7.0 | 66.2 | 7.4 | 47 |
| 6.7 | 25.3 | 2280.6 | 775.0 | 9.3 | 5.0 | 248.9 | 24.8 | 23.2 | 8.9 | 304.8 | 324.7 | 6.7 | 76.6 | 10.5 | 53 |
| 7.7 | 27.7 | 2552.2 | 750.0 | 7.6 | 3.6 | 248.9 | 26.1 | 24.3 | 9.4 | 305.8 | 324.7 | 6.4 | 82.2 | 12.1 | 56 |
| 9.7 | 30.4 | 2830.9 | 725.0 | 5.3 | 2.5 | 250.6 | 26.0 | 24.5 | 8.6 | 306.1 | 324.2 | 6.2 | 89.9 | 13.6 | 57 |
| 9.7 | 33.1 | 3117.0 | 700.0 | 3.1 | 1.6 | 251.2 | 26.5 | 25.1 | 8.5 | 306.7 | 324.2 | 6.2 | 89.9 | 13.6 | 57 |
| 10.9 | 35.8 | 3412.1 | 675.0 | 2.7 | -7.0 | 249.2 | 29.7 | 27.7 | 10.5 | 307.1 | 319.2 | 3.4 | 49.5 | 15.4 | 56 |
| 11.9 | 38.6 | 3716.7 | 650.0 | 1.7 | -17.9 | 248.0 | 31.4 | 29.3 | 11.3 | 311.0 | 315.6 | 1.4 | 21.7 | 17.4 | 60 |
| 13.0 | 41.4 | 4032.3 | 625.0 | -0.1 | -6.0 | 248.4 | 32.6 | 30.3 | 12.0 | 312.8 | 314.9 | 0.9 | 20.7 | 25.7 | 67 |
| 14.2 | 44.4 | 4358.4 | 600.0 | -1.6 | -19.9 | 245.4 | 31.0 | 29.2 | 12.9 | 314.5 | 318.7 | 1.3 | 23.2 | 21.8 | 61 |
| 15.3 | 47.5 | 4675.8 | 575.0 | -4.1 | -25.8 | 247.8 | 29.6 | 27.4 | 11.2 | 315.3 | 319.0 | 0.8 | 16.5 | 23.4 | 64 |
| 16.4 | 50.5 | 5044.6 | 550.0 | -6.9 | -32.4 | 250.1 | 28.0 | 27.7 | 7.9 | 316.0 | 314.9 | 0.9 | 20.7 | 25.7 | 67 |
| 17.6 | 53.7 | 5405.7 | 525.0 | -8.4 | -30.4 | 250.5 | 30.3 | 29.5 | 7.1 | 317.2 | 319.1 | 0.6 | 16.1 | 27.8 | 63 |
| 18.4 | 56.9 | 5781.0 | 500.0 | -11.5 | -34.3 | 250.9 | 30.4 | 29.9 | 5.3 | 319.0 | 320.4 | 0.4 | 13.0 | 30.7 | 61 |
| 20.2 | 60.3 | 6171.7 | 475.0 | -15.0 | -36.9 | 250.9 | 28.3 | 27.7 | 5.4 | 319.3 | 320.5 | 0.3 | 13.4 | 32.2 | 64 |
| 21.7 | 64.0 | 6577.3 | 450.0 | -19.1 | -39.9 | 257.3 | 31.3 | 30.5 | 6.9 | 319.2 | 320.2 | 0.2 | 14.2 | 40.1 | 69 |
| 23.1 | 67.3 | 7001.8 | 425.0 | -20.3 | -40.9 | 260.3 | 30.4 | 30.3 | 3.0 | 323.0 | 324.3 | 0.2 | 14.9 | 46.6 | 71 |
| 24.4 | 71.3 | 7447.4 | 400.0 | -24.1 | -43.8 | 263.2 | 34.2 | 33.9 | 4.1 | 323.6 | 324.3 | 0.2 | 15.3 | 48.2 | 72 |
| 26.5 | 75.2 | 7914.7 | 375.0 | -28.0 | -46.7 | 268.9 | 34.5 | 34.4 | 3.1 | 324.5 | 325.1 | 0.1 | 14.6 | 43.4 | 70 |
| 28.1 | 79.1 | 8404.3 | 350.0 | -32.2 | -50.0 | 271.5 | 27.0 | 27.0 | -0.7 | 325.3 | 325.7 | 0.1 | 14.9 | 46.6 | 71 |
| 30.1 | 82.2 | 8725.3 | 325.0 | -35.9 | -53.0 | 275.1 | 24.3 | 24.2 | -2.1 | 327.1 | 327.4 | 0.1 | 15.3 | 48.2 | 72 |
| 32.1 | 87.5 | 9476.8 | 300.0 | -40.0 | -59.9 | 270.0 | 25.8 | 25.8 | 0.0 | 328.9 | 999.9 | 99.9 | 99.9 | 52.2 | 74 |
| 34.3 | 92.4 | 10064.2 | 275.0 | -45.1 | -60.0 | 263.2 | 16.2 | 16.1 | 1.9 | 329.9 | 999.9 | 99.9 | 99.9 | 54.4 | 74 |
| 36.7 | 97.4 | 10693.5 | 250.0 | -50.3 | -60.0 | 260.9 | 21.1 | 20.8 | 3.3 | 331.3 | 999.9 | 99.9 | 99.9 | 57.1 | 75 |
| 39.1 | 102.6 | 11373.1 | 225.0 | -55.9 | -60.0 | 261.9 | 21.8 | 21.6 | 3.1 | 332.9 | 999.9 | 99.9 | 99.9 | 60.5 | 75 |
| 41.7 | 108.5 | 12114.1 | 200.0 | -60.3 | -60.0 | 261.1 | 20.6 | 24.5 | 2.7 | 337.4 | 999.9 | 99.9 | 99.9 | 63.9 | 76 |
| 44.6 | 114.8 | 12938.8 | 175.0 | -64.0 | -60.0 | 262.2 | 23.6 | 23.6 | 3.2 | 344.3 | 999.9 | 99.9 | 99.9 | 67.8 | 76 |
| 48.3 | 121.7 | 13502.1 | 150.0 | -68.5 | -60.0 | 260.5 | 44.7 | 44.6 | 2.8 | 364.3 | 999.9 | 99.9 | 99.9 | 74.2 | 77 |
| 52.1 | 129.0 | 14047.4 | 125.0 | -60.9 | -60.0 | 278.5 | 25.4 | 25.2 | -3.0 | 364.7 | 999.9 | 99.9 | 99.9 | 81.9 | 79 |
| 56.7 | 137.3 | 14622.8 | 100.0 | -63.0 | -59.9 | 272.0 | 16.5 | 16.5 | -0.6 | 406.1 | 993.9 | 99.9 | 99.9 | 89.0 | 70 |
| 62.2 | 145.7 | 15176.6 | 75.0 | -63.0 | -59.9 | 273.2 | 12.9 | 12.9 | -1.2 | 440.8 | 999.9 | 99.9 | 99.9 | 95.6 | 90 |
| 68.9 | 157.8 | 20657.8 | 50.0 | -58.3 | -59.9 | 43.9 | 3.0 | -2.1 | -2.1 | 506.2 | 999.9 | 99.9 | 99.9 | 95.6 | 90 |
| 81.0 | 182.0 | 25146.9 | 25.0 | -50.6 | -59.9 | 246.8 | 8.7 | 8.0 | 3.4 | 634.3 | 999.9 | 99.9 | 99.9 | 94.8 | 81 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 340
LITTLE ROCK, ARK
24 APRIL 1975
1540 GMT

| TIME MIN | CATCY | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/AC | BN PCY | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.7 | 79.0 | 1300.4 | 24.6 | 18.8 | 230.0 | 7.7 | 5.9 | 4.9 | 299.0 | 335.3 | 13.8 | 71.0 | 0.0 | 0. |
| 0.2 | 5.9 | 117.5 | 1000.0 | 23.0 | 18.0 | 227.1 | 11.3 | 8.3 | 7.7 | 298.7 | 333.2 | 13.2 | 70.3 | 0.2 | 35. |
| 1.0 | 6.2 | 338.9 | 975.0 | 21.7 | 16.1 | 230.7 | 12.9 | 9.9 | 8.2 | 298.4 | 334.6 | 13.6 | 80.1 | 0.7 | 45. |
| 1.6 | 10.5 | 568.2 | 950.0 | 19.3 | 17.2 | 235.4 | 14.8 | 12.2 | 8.4 | 298.5 | 333.3 | 13.2 | 88.0 | 1.3 | 40. |
| 2.6 | 12.8 | 793.6 | 925.0 | 17.4 | 15.9 | 242.4 | 17.9 | 15.9 | 8.3 | 298.8 | 331.6 | 12.4 | 90.8 | 2.1 | 53. |
| 3.3 | 15.2 | 1028.2 | 905.0 | 16.7 | 15.1 | 246.9 | 20.1 | 18.0 | 7.3 | 300.3 | 332.6 | 12.1 | 90.3 | 2.9 | 50. |
| 4.1 | 17.6 | 1268.3 | 875.0 | 14.8 | 13.4 | 248.0 | 21.1 | 19.6 | 7.9 | 300.6 | 330.5 | 11.1 | 91.2 | 3.6 | 63. |
| 4.9 | 20.0 | 1513.4 | 850.0 | 12.9 | 8.1 | 248.3 | 22.4 | 20.8 | 8.3 | 300.7 | 322.6 | 8.0 | 72.5 | 4.0 | 61. |
| 5.4 | 22.4 | 1767.3 | 825.0 | 16.5 | 3.0 | 247.1 | 18.3 | 16.9 | 7.1 | 306.9 | 323.3 | 5.8 | 40.3 | 6.1 | 63. |
| 6.7 | 25.1 | 2028.6 | 800.0 | 14.6 | 3.1 | 238.9 | 15.2 | 13.0 | 7.9 | 307.5 | 324.8 | 6.0 | 40.1 | 7.0 | 63. |
| 7.7 | 27.3 | 2297.9 | 775.0 | 14.3 | -0.5 | 250.7 | 11.9 | 11.2 | 3.3 | 309.8 | 323.8 | 4.8 | 36.4 | 7.6 | 63. |
| 8.7 | 30.2 | 2572.5 | 750.0 | 11.6 | 1.1 | 262.7 | 11.6 | 11.5 | 1.5 | 310.1 | 326.2 | 5.5 | 47.7 | 8.4 | 64. |
| 9.0 | 33.3 | 2854.7 | 725.0 | 5.6 | 1.0 | 266.1 | 12.0 | 12.0 | 0.8 | 309.8 | 325.4 | 4.5 | 50.8 | 9.7 | 67. |
| 10.5 | 35.5 | 3144.5 | 700.0 | 6.7 | -2.9 | 272.4 | 11.9 | 11.9 | -0.3 | 310.4 | 323.6 | 3.4 | 50.2 | 10.4 | 66. |
| 11.7 | 36.4 | 3441.7 | 675.0 | 3.8 | -5.6 | 272.4 | 13.7 | 13.6 | -1.4 | 310.9 | 321.0 | 3.4 | 52.2 | 11.1 | 70. |
| 12.7 | 41.1 | 3747.1 | 650.0 | 1.3 | -7.4 | 276.0 | 16.7 | 16.5 | -2.4 | 311.6 | 314.0 | 0.7 | 12.3 | 11.9 | 72. |
| 13.7 | 44.1 | 4061.7 | 625.0 | -0.8 | -26.7 | 278.4 | 20.9 | 20.6 | -3.7 | 313.5 | 313.7 | 0.1 | 1.0 | 13.0 | 75. |
| 14.8 | 47.3 | 4385.9 | 600.0 | -2.2 | -51.3 | 280.2 | 23.2 | 22.7 | -4.7 | 313.8 | 314.0 | 0.0 | 1.0 | 14.3 | 77. |
| 15.0 | 50.3 | 4722.7 | 575.0 | -5.3 | -53.3 | 281.8 | 25.8 | 25.7 | -7.2 | 315.5 | 315.7 | 0.0 | 1.0 | 16.0 | 80. |
| 17.1 | 53.4 | 5075.3 | 550.0 | -7.2 | -54.5 | 274.9 | 28.7 | 28.7 | -0.8 | 316.1 | 316.2 | 0.0 | 1.0 | 17.9 | 81. |
| 18.3 | 56.6 | 5430.6 | 525.0 | -10.2 | -56.4 | 271.6 | 29.3 | 29.2 | 2.8 | 317.9 | 319.0 | 0.0 | 1.0 | 20.1 | 82. |
| 19.5 | 60.3 | 5904.6 | 500.0 | -12.4 | -57.8 | 264.5 | 25.7 | 25.2 | 4.9 | 321.1 | 321.6 | 0.0 | 1.0 | 22.0 | 82. |
| 20.7 | 63.5 | 6196.4 | 475.0 | -13.6 | -58.5 | 259.0 | 22.3 | 21.6 | 4.5 | 321.5 | 322.7 | 0.0 | 1.0 | 24.0 | 82. |
| 22.1 | 67.0 | 6604.3 | 450.0 | -17.2 | -60.9 | 258.4 | 23.1 | 22.8 | 3.8 | 322.7 | 322.5 | 0.0 | 1.0 | 26.1 | 81. |
| 23.7 | 70.6 | 7030.2 | 425.0 | -20.7 | -63.1 | 260.5 | 25.4 | 24.9 | 5.0 | 322.7 | 322.7 | 0.0 | 1.0 | 28.6 | 81. |
| 25.4 | 74.4 | 7474.5 | 400.0 | -24.8 | -65.8 | 260.5 | 26.6 | 26.2 | 4.4 | 323.3 | 323.4 | 0.0 | 1.0 | 31.5 | 81. |
| 27.1 | 78.5 | 7940.3 | 375.0 | -28.8 | -68.4 | 262.2 | 27.7 | 27.4 | 3.8 | 324.9 | 324.9 | 0.0 | 1.0 | 34.5 | 81. |
| 29.1 | 82.5 | 8430.0 | 350.0 | -32.5 | -69.6 | 262.2 | 26.0 | 25.8 | 2.6 | 326.9 | 326.9 | 0.0 | 1.0 | 38.0 | 81. |
| 31.3 | 86.8 | 8948.7 | 325.0 | -36.1 | -68.7 | 263.4 | 28.4 | 28.2 | 2.6 | 329.0 | 329.0 | 0.0 | 1.0 | 41.9 | 81. |
| 33.6 | 91.3 | 9500.2 | 300.0 | -40.0 | 92.9 | 273.6 | 26.2 | 26.2 | -1.4 | 332.1 | 332.1 | 0.0 | 999.9 | 45.8 | 82. |
| 36.0 | 95.9 | 10089.4 | 275.0 | -43.6 | 92.9 | 278.7 | 24.5 | 24.2 | -3.7 | 333.8 | 333.8 | 0.0 | 999.9 | 49.7 | 83. |
| 38.2 | 100.3 | 10723.0 | 250.0 | -48.0 | 92.9 | 281.1 | 25.1 | 24.6 | -4.8 | 337.2 | 337.2 | 0.0 | 999.9 | 52.6 | 84. |
| 40.7 | 106.3 | 11410.1 | 225.0 | -52.7 | 92.9 | 281.1 | 19.0 | 18.1 | -10.0 | 340.0 | 340.0 | 0.0 | 999.9 | 56.0 | 84. |
| 43.4 | 112.3 | 12160.6 | 200.0 | -58.6 | 92.9 | 272.4 | 22.2 | 22.2 | -0.9 | 345.2 | 345.2 | 0.0 | 999.9 | 59.1 | 87. |
| 46.3 | 118.3 | 12989.9 | 175.0 | -63.3 | 92.9 | 272.4 | 27.6 | 26.8 | 7.3 | 363.4 | 363.4 | 0.0 | 999.9 | 64.9 | 87. |
| 49.6 | 125.3 | 13937.5 | 150.0 | -61.7 | 92.9 | 259.0 | 13.4 | 13.2 | 2.3 | 386.4 | 386.4 | 0.0 | 999.9 | 74.7 | 86. |
| 53.0 | 132.7 | 15068.4 | 125.0 | -57.9 | 92.9 | 254.7 | 11.3 | 10.2 | 4.7 | 420.8 | 420.8 | 0.0 | 999.9 | 82.8 | 85. |
| 56.7 | 140.3 | 16453.8 | 100.0 | -62.1 | 92.9 | 260.2 | 9.6 | 7.8 | -6.6 | 507.4 | 507.4 | 0.0 | 999.9 | 89.4 | 85. |
| 63.9 | 148.7 | 19201.4 | 75.0 | -68.5 | 92.9 | 313.6 | 9.6 | 9.9 | 99.9 | 648.7 | 648.7 | 0.0 | 999.9 | 99.9 | 99. |
| 71.3 | 156.0 | 20720.8 | 50.0 | -57.7 | 92.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 99.9 | 99. |
| 83.0 | 167.7 | 23186.1 | 25.0 | -50.2 | 92.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 99.9 | 99. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 349
MCNETTE, MO24 APRIL 1975
1507 GMT

146 46.0 0

| TIME MIN | CATCY | HEIGHT GEM | PRES MB | TEMP DG C | CEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.9 | 436.0 | 961.1 | 15.0 | 13.8 | 150.0 | 7.7 | -3.9 | 6.7 | 293.4 | 320.5 | 10.4 | 89.0 | 0.0 | 0. |
| 0.0 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 8.9 | 536.0 | 950.0 | 15.0 | 13.3 | 147.9 | 14.7 | -7.8 | 12.5 | 293.7 | 320.3 | 10.2 | 89.0 | 0.4 | 3.7 |
| 1.2 | 11.1 | 782.4 | 925.0 | 14.4 | 11.7 | 145.6 | 11.4 | -6.7 | 9.7 | 255.3 | 320.2 | 9.4 | 84.2 | 1.1 | 3.4 |
| 2.1 | 13.5 | 996.2 | 900.0 | 16.7 | 11.4 | 16.1 | 8.0 | -1.8 | 7.8 | 300.7 | 320.3 | 9.7 | 72.8 | 1.5 | 3.4 |
| 3.1 | 15.9 | 1236.1 | 875.0 | 14.9 | 13.2 | 197.7 | 10.4 | 3.2 | 9.9 | 300.7 | 330.3 | 11.0 | 87.7 | 2.0 | 3.7 |
| 3.9 | 16.1 | 1461.7 | 850.0 | 13.7 | 13.1 | 220.9 | 12.0 | 7.9 | 9.1 | 362.0 | 332.4 | 11.3 | 96.4 | 2.4 | 3.8 |
| 4.9 | 20.3 | 1734.0 | 825.0 | 12.0 | 12.5 | 231.1 | 15.3 | 11.3 | 9.6 | 303.5 | 332.9 | 10.8 | 95.2 | 2.9 | 3. |
| 5.8 | 22.7 | 1902.6 | 800.0 | 11.5 | 10.3 | 236.7 | 16.5 | 11.5 | 9.5 | 305.7 | 332.1 | 9.9 | 92.3 | 3.5 | 13. |
| 6.6 | 25.3 | 2554.3 | 775.0 | 10.0 | 7.9 | 236.7 | 17.2 | 14.4 | 9.5 | 305.7 | 329.8 | 8.7 | 87.0 | 4.2 | 13. |
| 7.7 | 27.9 | 2130.5 | 750.0 | 8.1 | 5.8 | 235.8 | 16.9 | 14.0 | 9.5 | 306.4 | 328.3 | 7.6 | 85.4 | 5.0 | 19. |
| 8.7 | 30.6 | 2210.0 | 725.0 | 5.8 | 4.3 | 237.4 | 17.9 | 15.1 | 9.5 | 306.7 | 327.1 | 7.2 | 80.6 | 5.9 | 11. |
| 9.7 | 33.3 | 3057.6 | 700.0 | 7.2 | -11.1 | 241.0 | 20.6 | 18.0 | 10.0 | 310.7 | 317.9 | 2.3 | 25.8 | 7.0 | 17. |
| 10.8 | 35.9 | 3255.7 | 675.0 | 5.1 | -11.4 | 242.3 | 21.6 | 19.1 | 10.0 | 311.6 | 316.9 | 2.4 | 29.2 | 8.4 | 11. |
| 12.0 | 38.6 | 3702.3 | 650.0 | 2.1 | -12.7 | 242.4 | 22.0 | 19.5 | 10.2 | 311.4 | 318.5 | 2.2 | 32.4 | 9.8 | 45. |
| 13.2 | 41.4 | 4617.2 | 625.0 | -1.0 | -15.3 | 246.3 | 21.4 | 19.6 | 8.6 | 311.5 | 317.3 | 1.9 | 32.7 | 11.3 | 47. |
| 14.3 | 44.2 | 4341.9 | 600.0 | -3.1 | -17.5 | 246.6 | 21.7 | 20.2 | 7.3 | 312.7 | 317.8 | 1.6 | 31.6 | 12.0 | 49. |
| 15.4 | 47.1 | 4677.8 | 575.0 | -5.3 | -19.5 | 250.5 | 23.0 | 22.6 | 4.2 | 313.9 | 318.4 | 1.4 | 31.7 | 14.1 | 57. |
| 16.6 | 50.3 | 5025.3 | 550.0 | -7.7 | -23.4 | 274.6 | 25.2 | 25.1 | -2.0 | 315.0 | 318.4 | 1.1 | 27.2 | 15.4 | 54. |
| 1.9 | 52.3 | 5365.4 | 525.0 | -10.1 | -27.7 | 273.2 | 28.2 | 28.2 | -1.6 | 316.4 | 318.9 | 0.7 | 21.9 | 17.1 | 57. |
| 19.3 | 56.3 | 5760.1 | 500.0 | -11.9 | -29.8 | 282.7 | 27.3 | 27.1 | 3.5 | 318.6 | 320.8 | 0.6 | 20.7 | 19.2 | 64. |
| 20.7 | 58.6 | 6151.4 | 475.0 | -14.1 | -29.5 | 254.8 | 27.4 | 26.8 | 7.3 | 320.6 | 323.0 | 0.7 | 25.8 | 21.5 | 67. |
| 22.2 | 59.6 | 6553.1 | 450.0 | -17.6 | -30.3 | 256.6 | 28.6 | 27.9 | 6.6 | 321.1 | 323.4 | 0.7 | 31.8 | 24.0 | 60. |
| 23.6 | 62.3 | 6946.0 | 425.0 | -21.2 | -33.2 | 256.5 | 31.7 | 30.3 | 7.4 | 321.8 | 323.7 | 0.5 | 32.9 | 26.5 | 47. |
| 25.2 | 70.3 | 7427.9 | 400.0 | -25.1 | -35.6 | 255.0 | 31.3 | 30.2 | 8.1 | 322.3 | 323.9 | 0.5 | 30.8 | 28.4 | 64. |
| 26.3 | 72.6 | 7853.3 | 375.0 | -28.2 | -39.4 | 257.4 | 31.3 | 30.6 | 6.6 | 324.9 | 324.1 | 0.3 | 30.1 | 32.4 | 69. |
| 28.7 | 77.5 | 8302.2 | 350.0 | -33.0 | -39.2 | 262.3 | 33.5 | 33.2 | 4.5 | 324.2 | 325.5 | 0.4 | 51.5 | 34.3 | 76. |
| 30.5 | 81.5 | 8799.7 | 325.0 | -36.6 | -44.7 | 262.7 | 36.0 | 35.7 | 4.6 | 326.2 | 327.0 | 0.2 | 42.1 | 36.7 | 71. |
| 32.5 | 85.7 | 9449.3 | 300.0 | -41.0 | 59.9 | 261.4 | 39.3 | 39.8 | 5.9 | 327.5 | 328.5 | 99.9 | 99.9 | 44.3 | 72. |
| 34.4 | 90.3 | 10035.2 | 275.0 | -45.1 | 99.9 | 267.0 | 35.2 | 35.1 | 1.8 | 324.5 | 328.5 | 99.9 | 99.9 | 49.0 | 73. |
| 36.9 | 95.2 | 10645.6 | 250.0 | -49.6 | 99.9 | 269.9 | 38.8 | 38.8 | 0.0 | 332.4 | 329.9 | 99.9 | 99.9 | 53.7 | 75. |
| 39.3 | 100.2 | 11348.1 | 225.0 | -54.4 | 99.9 | 264.5 | 41.2 | 41.0 | 3.9 | 335.1 | 329.9 | 99.9 | 99.9 | 58.9 | 74. |
| 41.6 | 105.5 | 12053.8 | 200.0 | -58.0 | 99.9 | 262.4 | 30.3 | 30.3 | 3.8 | 340.0 | 329.9 | 99.9 | 99.9 | 64.6 | 77. |
| 44.9 | 111.3 | 12925.6 | 175.0 | -61.9 | 99.9 | 261.4 | 27.1 | 27.1 | 3.9 | 347.7 | 329.3 | 99.9 | 99.9 | 69.2 | 72. |
| 48.4 | 117.8 | 13887.1 | 150.0 | -59.8 | 99.9 | 250.3 | 27.7 | 26.1 | 4.3 | 367.1 | 329.9 | 99.9 | 99.9 | 75.1 | 77. |
| 52.4 | 125.0 | 15030.3 | 125.0 | -61.7 | 99.9 | 266.5 | 30.0 | 30.0 | 1.9 | 368.5 | 329.9 | 99.9 | 99.9 | 81.6 | 77. |
| 57.2 | 133.3 | 16427.0 | 100.0 | -61.7 | 99.9 | 258.4 | 14.9 | 14.2 | 4.9 | 408.5 | 329.9 | 99.9 | 99.9 | 91.4 | 77. |
| 63.1 | 141.3 | 18211.2 | 75.0 | -65.5 | 99.9 | 263.8 | 9.2 | 9.2 | 1.0 | 435.6 | 329.9 | 99.9 | 99.9 | 94.0 | 74. |
| 71.5 | 150.7 | 20742.2 | 50.0 | -52.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 511.2 | 329.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 363
APARILLO, TEX24 APRIL 1975
1415 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CLMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 00.0 | 13.8 | 1095.0 | 866.5 | 15.3 | -4.1 | 310.0 | 4.1 | 3.1 | -2.6 | 299.0 | 308.1 | 3.2 | 26.0 | 0.0 | 0. |
| 00.9 | 56.3 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 01.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 01.9 | 99.3 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 02.0 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 02.9 | 56.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 03.0 | 16.9 | 1205.5 | 875.0 | 15.0 | -5.9 | 265.3 | 4.3 | 4.3 | 0.1 | 299.0 | 308.0 | 2.8 | 23.1 | 0.2 | 86. |
| 1.1 | 16.3 | 1452.2 | 850.0 | 18.2 | -6.0 | 305.9 | 4.1 | 3.1 | -2.4 | 305.6 | 314.2 | 2.9 | 18.7 | 0.3 | 86. |
| 2.0 | 19.1 | 1706.6 | 825.0 | 16.6 | -7.7 | 329.2 | 12.5 | 6.4 | -10.7 | 306.5 | 314.3 | 2.6 | 18.2 | 0.7 | 131. |
| 2.9 | 21.2 | 1507.5 | 800.0 | 14.7 | -8.8 | 315.2 | 7.9 | 5.6 | -5.6 | 307.1 | 314.5 | 2.5 | 18.7 | 1.1 | 131. |
| 3.7 | 23.5 | 2234.7 | 775.0 | 12.7 | -10.1 | 335.8 | 7.1 | 2.9 | -6.5 | 307.7 | 314.7 | 2.3 | 19.4 | 1.5 | 136. |
| 4.6 | 25.8 | 2538.6 | 750.0 | 10.9 | -11.5 | 261.2 | 8.0 | 7.8 | -1.5 | 308.7 | 315.2 | 2.1 | 19.5 | 1.8 | 134. |
| 5.5 | 24.2 | 2795.5 | 725.0 | 8.0 | -13.4 | 275.1 | 8.9 | 8.9 | -0.8 | 308.5 | 314.3 | 1.9 | 20.1 | 2.3 | 126. |
| 6.5 | 30.7 | 3077.7 | 700.0 | 5.7 | -14.9 | 264.6 | 8.5 | 8.4 | 0.6 | 309.0 | 314.3 | 1.7 | 21.1 | 2.7 | 120. |
| 7.4 | 33.2 | 3373.7 | 675.0 | 3.0 | -15.8 | 263.6 | 10.7 | 10.6 | 1.2 | 309.2 | 314.3 | 1.6 | 23.5 | 3.1 | 114. |
| 8.4 | 35.7 | 3677.7 | 650.0 | 0.1 | -17.5 | 267.3 | 11.6 | 11.6 | 0.6 | 309.3 | 313.9 | 1.5 | 25.1 | 3.7 | 104. |
| 9.3 | 38.2 | 3990.7 | 625.0 | -1.8 | -18.7 | 265.1 | 12.1 | 12.0 | 1.0 | 310.6 | 315.0 | 1.4 | 26.1 | 4.3 | 106. |
| 10.3 | 40.8 | 4314.4 | 600.0 | -4.0 | -23.9 | 249.7 | 15.0 | 14.0 | 5.2 | 311.5 | 314.5 | 0.9 | 19.6 | 5.0 | 102. |
| 11.5 | 43.6 | 4649.0 | 575.0 | -5.7 | -27.3 | 242.0 | 19.2 | 17.0 | 9.0 | 313.4 | 315.7 | 0.7 | 16.2 | 6.0 | 95. |
| 12.5 | 46.4 | 4996.2 | 550.0 | -7.3 | -29.5 | 241.1 | 20.6 | 18.0 | 9.9 | 315.5 | 317.5 | 0.6 | 14.9 | 7.2 | 86. |
| 13.7 | 49.4 | 5357.0 | 525.0 | -10.0 | -31.1 | 244.3 | 22.7 | 20.5 | 9.9 | 316.5 | 318.3 | 0.5 | 15.8 | 8.5 | 84. |
| 14.7 | 52.3 | 5730.7 | 500.0 | -13.3 | -33.7 | 244.8 | 23.4 | 21.2 | 9.9 | 316.8 | 318.3 | 0.4 | 16.1 | 9.9 | 82. |
| 16.0 | 55.3 | 6119.1 | 475.0 | -16.1 | -35.5 | 243.6 | 25.0 | 22.4 | 11.1 | 318.0 | 319.4 | 0.4 | 16.8 | 11.6 | 79. |
| 17.2 | 58.4 | 6523.7 | 450.0 | -19.0 | -36.1 | 245.7 | 26.8 | 24.5 | 11.0 | 319.4 | 320.8 | 0.4 | 20.5 | 13.5 | 77. |
| 18.7 | 61.8 | 6946.8 | 425.0 | -22.1 | -28.9 | 245.9 | 29.6 | 27.4 | 10.1 | 320.7 | 323.5 | 0.8 | 53.6 | 15.7 | 76. |
| 20.2 | 65.2 | 7390.0 | 400.0 | -25.3 | -32.1 | 251.2 | 32.0 | 30.3 | 10.3 | 322.1 | 324.3 | 0.6 | 52.7 | 16.7 | 75. |
| 21.7 | 68.7 | 7854.8 | 375.0 | -29.3 | -36.1 | 249.8 | 31.9 | 29.9 | 11.0 | 322.8 | 324.4 | 0.5 | 51.3 | 21.5 | 74. |
| 23.3 | 72.2 | 8344.1 | 350.0 | -32.8 | -41.1 | 247.4 | 32.3 | 29.8 | 12.4 | 324.5 | 325.6 | 0.3 | 42.6 | 24.7 | 74. |
| 25.0 | 76.2 | 8861.8 | 325.0 | -36.9 | -44.6 | 248.8 | 34.4 | 32.1 | 12.4 | 325.7 | 326.5 | 0.2 | 44.5 | 28.1 | 73. |
| 26.7 | 80.3 | 9411.0 | 300.0 | -41.2 | 99.9 | 254.9 | 35.4 | 34.1 | 9.2 | 327.3 | 999.9 | 99.9 | 99.9 | 31.7 | 73. |
| 28.5 | 84.9 | 9954.9 | 275.0 | -46.5 | 99.9 | 256.7 | 35.2 | 34.3 | 8.1 | 327.9 | 999.9 | 99.9 | 99.9 | 35.6 | 73. |
| 30.6 | 89.3 | 10620.8 | 250.0 | -51.0 | 99.9 | 257.6 | 39.7 | 38.7 | 8.5 | 330.2 | 999.9 | 99.9 | 99.9 | 40.2 | 74. |
| 32.9 | 94.0 | 11299.1 | 225.0 | -55.6 | 99.9 | 256.8 | 41.8 | 40.7 | 9.4 | 333.3 | 999.9 | 99.9 | 99.9 | 44.6 | 74. |
| 35.3 | 98.2 | 12043.2 | 200.0 | -59.5 | 99.9 | 260.5 | 44.8 | 44.2 | 7.4 | 338.6 | 999.9 | 99.9 | 99.9 | 49.4 | 75. |
| 38.0 | 105.9 | 12870.5 | 175.0 | -63.1 | 99.9 | 257.5 | 23.5 | 23.0 | 5.1 | 345.9 | 999.9 | 99.9 | 99.9 | 55.1 | 75. |
| 41.0 | 111.3 | 13826.1 | 150.0 | -61.0 | 99.9 | 256.0 | 38.1 | 36.9 | 9.2 | 364.9 | 999.9 | 99.9 | 99.9 | 62.6 | 76. |
| 44.4 | 116.3 | 14956.7 | 125.0 | -62.7 | 99.9 | 251.6 | 26.8 | 25.4 | 8.5 | 381.5 | 999.9 | 99.9 | 99.9 | 69.2 | 76. |
| 49.2 | 127.0 | 16336.2 | 100.0 | -61.0 | 99.9 | 256.5 | 19.1 | 18.6 | 4.4 | 409.8 | 999.9 | 99.9 | 99.9 | 75.9 | 75. |
| 54.5 | 136.7 | 18120.3 | 75.0 | -61.1 | 99.9 | 265.4 | 22.4 | 22.3 | 1.8 | 444.8 | 999.9 | 99.9 | 99.9 | 84.5 | 75. |
| 59.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 67.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 402
WALLOPS ISLAND, VA24 APRIL 1975
1415 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR CG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTD CM/KG | RM PCY | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.2 | 4.0 | 1017.5 | 16.7 | 11.2 | 999.9 | 99.9 | 99.9 | 99.9 | 289.5 | 310.9 | 8.3 | 70.0 | 999.9 | 999.9 |
| 0.4 | 5.5 | 153.0 | 1000.0 | 18.7 | 12.4 | 999.9 | 99.9 | 99.9 | 99.9 | 293.1 | 317.0 | 9.1 | 66.6 | 999.9 | 999.9 |
| 1.0 | 7.4 | 370.2 | 975.0 | 17.5 | 11.9 | 999.9 | 99.9 | 99.9 | 99.9 | 293.9 | 317.8 | 9.1 | 70.0 | 999.9 | 999.9 |
| 2.0 | 9.5 | 591.6 | 950.0 | 15.2 | 11.7 | 999.9 | 99.9 | 99.9 | 99.9 | 293.8 | 317.8 | 9.1 | 70.4 | 999.9 | 999.9 |
| 3.2 | 11.1 | 817.1 | 925.0 | 13.4 | 11.9 | 999.9 | 99.9 | 99.9 | 99.9 | 294.2 | 319.2 | 9.5 | 90.6 | 999.9 | 999.9 |
| 4.1 | 13.5 | 1066.0 | 900.0 | 11.7 | 10.8 | 999.9 | 99.9 | 99.9 | 99.9 | 294.8 | 318.8 | 9.1 | 94.0 | 999.9 | 999.9 |
| 4.9 | 15.6 | 1284.4 | 875.0 | 12.4 | 8.9 | 999.9 | 99.9 | 99.9 | 99.9 | 297.7 | 319.9 | 8.2 | 79.6 | 999.9 | 999.9 |
| 5.8 | 17.7 | 1528.1 | 850.0 | 12.4 | 7.6 | 999.9 | 99.9 | 99.9 | 99.9 | 300.1 | 321.3 | 7.7 | 72.5 | 999.9 | 999.9 |
| 6.9 | 20.0 | 1778.1 | 825.0 | 10.6 | 6.4 | 999.9 | 99.9 | 99.9 | 99.9 | 300.7 | 320.9 | 7.4 | 75.7 | 999.9 | 999.9 |
| 7.9 | 22.1 | 2034.1 | 800.0 | 8.5 | 6.3 | 999.9 | 99.9 | 99.9 | 99.9 | 301.2 | 321.9 | 7.5 | 85.9 | 999.9 | 999.9 |
| 8.9 | 24.4 | 2296.6 | 775.0 | 6.9 | 4.7 | 999.9 | 99.9 | 99.9 | 99.9 | 302.2 | 321.4 | 6.9 | 85.4 | 999.9 | 999.9 |
| 9.8 | 26.6 | 2566.0 | 750.0 | 5.4 | 1.6 | 999.9 | 99.9 | 99.9 | 99.9 | 303.2 | 319.4 | 5.7 | 76.2 | 999.9 | 999.9 |
| 10.8 | 28.0 | 2842.6 | 725.0 | 3.9 | -0.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.4 | 319.4 | 5.3 | 75.1 | 999.9 | 999.9 |
| 11.7 | 31.5 | 3127.3 | 700.0 | 1.8 | -2.6 | 999.9 | 99.9 | 99.9 | 99.9 | 305.1 | 318.1 | 4.5 | 72.4 | 999.9 | 999.9 |
| 12.8 | 34.1 | 3420.3 | 675.0 | 0.7 | -6.1 | 999.9 | 99.9 | 99.9 | 99.9 | 306.9 | 317.4 | 3.6 | 60.1 | 999.9 | 999.9 |
| 13.8 | 36.5 | 3722.7 | 650.0 | -1.3 | -7.9 | 999.9 | 99.9 | 99.9 | 99.9 | 307.9 | 317.6 | 3.3 | 60.6 | 999.9 | 999.9 |
| 14.9 | 38.1 | 4034.3 | 625.0 | -3.1 | -9.0 | 999.9 | 99.9 | 99.9 | 99.9 | 309.3 | 318.5 | 3.1 | 63.5 | 999.9 | 999.9 |
| 15.1 | 41.7 | 4357.3 | 600.0 | -4.0 | -21.7 | 999.9 | 99.9 | 99.9 | 99.9 | 311.5 | 314.6 | 1.0 | 23.3 | 999.9 | 999.9 |
| 17.4 | 44.6 | 4692.3 | 575.0 | -5.2 | -25.2 | 999.9 | 99.9 | 99.9 | 99.9 | 314.0 | 316.8 | 0.9 | 19.0 | 999.9 | 999.9 |
| 18.6 | 47.4 | 5040.4 | 550.0 | -7.1 | -28.7 | 999.9 | 99.9 | 99.9 | 99.9 | 315.6 | 319.4 | 0.8 | 19.1 | 999.9 | 999.9 |
| 19.5 | 50.3 | 5411.2 | 525.0 | -10.0 | -28.0 | 999.9 | 99.9 | 99.9 | 99.9 | 316.5 | 318.9 | 0.7 | 21.1 | 999.9 | 999.9 |
| 21.1 | 53.1 | 5775.3 | 500.0 | -12.8 | -26.0 | 999.9 | 99.9 | 99.9 | 99.9 | 317.5 | 320.6 | 0.9 | 31.8 | 999.9 | 999.9 |
| 22.4 | 56.1 | 6165.7 | 475.0 | -14.3 | -29.8 | 999.9 | 99.9 | 99.9 | 99.9 | 320.3 | 322.5 | 0.7 | 25.3 | 999.9 | 999.9 |
| 23.7 | 58.4 | 6573.0 | 450.0 | -17.5 | -29.5 | 999.9 | 99.9 | 99.9 | 99.9 | 321.3 | 321.8 | 0.7 | 34.0 | 999.9 | 999.9 |
| 25.0 | 61.1 | 6999.9 | 425.0 | -19.4 | -34.3 | 999.9 | 99.9 | 99.9 | 99.9 | 324.1 | 325.8 | 0.5 | 25.3 | 999.9 | 999.9 |
| 26.5 | 63.9 | 7447.5 | 400.0 | -22.5 | -37.7 | 999.9 | 99.9 | 99.9 | 99.9 | 325.7 | 327.0 | 0.4 | 23.5 | 999.9 | 999.9 |
| 28.5 | 65.9 | 7917.8 | 375.0 | -25.9 | -43.4 | 999.9 | 99.9 | 99.9 | 99.9 | 327.2 | 328.0 | 0.2 | 17.4 | 999.9 | 999.9 |
| 30.2 | 73.6 | 8414.1 | 350.0 | -29.7 | -46.5 | 999.9 | 99.9 | 99.9 | 99.9 | 328.6 | 329.2 | 0.2 | 17.7 | 999.9 | 999.9 |
| 32.0 | 77.8 | 8936.7 | 325.0 | -34.7 | -48.0 | 999.9 | 99.9 | 99.9 | 99.9 | 328.7 | 329.2 | 0.1 | 21.6 | 999.9 | 999.9 |
| 33.9 | 82.0 | 9459.3 | 300.0 | -40.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 326.9 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 36.0 | 86.4 | 10072.0 | 275.0 | -44.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 331.2 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 38.1 | 91.3 | 10709.1 | 250.0 | -49.8 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 332.1 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 40.7 | 96.4 | 11390.4 | 225.0 | -55.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 333.9 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 43.3 | 101.8 | 12136.4 | 200.0 | -58.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 340.3 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 45.8 | 106.3 | 12964.0 | 175.0 | -64.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 343.8 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 49.0 | 114.7 | 13895.5 | 150.0 | -64.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 355.7 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 52.8 | 122.3 | 15039.9 | 125.0 | -56.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 352.5 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 57.3 | 130.3 | 16441.0 | 100.0 | -59.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 413.3 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 62.9 | 138.3 | 18223.1 | 75.0 | -63.8 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 439.1 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 70.1 | 147.0 | 20728.2 | 50.0 | -59.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 502.3 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 80.6 | 156.0 | 25441.0 | 25.0 | -52.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 635.2 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 405
STERLING, VA24 APRIL 1975
1415 GMT

| TIME MIN | CNTCT | HEIGHT GFW | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.5 | 85.0 | 1003.6 | 18.3 | 15.6 | 200.0 | 5.1 | 1.7 | 4.8 | 292.6 | 321.6 | 11.2 | 84.0 | 0.0 | 0 |
| 0.2 | 5.7 | 116.0 | 1000.0 | 18.5 | 14.2 | 201.6 | 7.5 | 2.8 | 6.9 | 293.0 | 319.0 | 10.3 | 76.6 | 0.1 | 12 |
| 1.6 | 7.8 | 333.1 | 975.0 | 16.9 | 13.2 | 208.4 | 12.0 | 5.7 | 10.6 | 293.5 | 319.3 | 9.9 | 79.0 | 1.0 | 25 |
| 2.5 | 6.8 | 554.2 | 950.0 | 14.6 | 11.3 | 214.3 | 14.4 | 8.1 | 11.9 | 293.2 | 316.6 | 8.9 | 80.7 | 1.7 | 27 |
| 3.5 | 11.7 | 780.6 | 925.0 | 15.0 | 10.8 | 220.7 | 13.8 | 9.0 | 10.5 | 295.8 | 319.3 | 8.8 | 75.7 | 2.6 | 31 |
| 4.5 | 13.9 | 1012.5 | 900.0 | 14.0 | 9.3 | 235.3 | 15.5 | 12.7 | 6.9 | 297.1 | 319.2 | 8.2 | 73.4 | 3.6 | 34 |
| 7.3 | 15.9 | 1250.2 | 875.0 | 12.6 | 8.6 | 253.8 | 14.6 | 14.0 | 4.1 | 297.9 | 319.7 | 8.1 | 76.7 | 4.1 | 40 |
| 6.3 | 14.1 | 1492.4 | 850.0 | 11.4 | 8.3 | 260.7 | 19.3 | 19.0 | 3.1 | 299.2 | 321.2 | 8.1 | 81.3 | 4.9 | 48 |
| 7.3 | 20.1 | 1743.1 | 825.0 | 10.3 | 7.0 | 270.7 | 17.1 | 17.1 | -0.2 | 300.5 | 321.5 | 7.7 | 83.3 | 5.4 | 54 |
| 8.4 | 22.5 | 1990.2 | 800.0 | 9.2 | 4.9 | 266.6 | 19.8 | 19.8 | 1.2 | 301.9 | 320.6 | 6.8 | 73.7 | 6.7 | 60 |
| 9.5 | 24.7 | 2262.4 | 775.0 | 8.4 | 1.6 | 264.4 | 21.7 | 21.6 | 2.1 | 303.5 | 319.2 | 5.6 | 62.4 | 8.0 | 64 |
| 10.7 | 27.0 | 2532.5 | 750.0 | 6.1 | 0.4 | 259.6 | 21.0 | 20.7 | 3.8 | 303.9 | 318.9 | 5.3 | 66.8 | 9.5 | 67 |
| 11.9 | 29.5 | 2810.1 | 725.0 | 4.8 | 0.2 | 252.7 | 21.7 | 20.6 | 6.6 | 305.5 | 320.8 | 5.4 | 71.9 | 11.0 | 68 |
| 12.9 | 32.1 | 3055.9 | 700.0 | 3.1 | -1.5 | 246.5 | 22.0 | 20.2 | 8.8 | 306.6 | 320.8 | 4.9 | 71.6 | 12.4 | 69 |
| 14.1 | 34.7 | 3390.0 | 675.0 | 0.8 | -2.0 | 242.7 | 22.4 | 19.9 | 10.3 | 307.2 | 321.4 | 4.9 | 81.5 | 13.9 | 68 |
| 15.2 | 37.2 | 3692.5 | 650.0 | -1.5 | -5.0 | 243.8 | 24.3 | 21.8 | 10.7 | 307.7 | 319.7 | 4.1 | 77.3 | 15.5 | 67 |
| 16.4 | 39.9 | 4004.0 | 625.0 | -3.6 | -7.3 | 247.4 | 24.1 | 24.1 | 10.0 | 308.7 | 319.2 | 3.5 | 75.4 | 17.2 | 67 |
| 17.7 | 42.4 | 4325.5 | 600.0 | -6.0 | -9.2 | 253.0 | 27.2 | 26.0 | 7.9 | 309.5 | 319.0 | 3.2 | 78.0 | 19.4 | 67 |
| 19.0 | 45.2 | 4637.5 | 575.0 | -8.4 | -12.6 | 256.5 | 27.1 | 26.4 | 6.3 | 310.5 | 318.2 | 2.9 | 71.3 | 21.5 | 68 |
| 20.6 | 48.1 | 5007.9 | 550.0 | -10.9 | -15.2 | 259.8 | 28.5 | 28.1 | 5.1 | 311.3 | 317.9 | 2.1 | 71.1 | 24.0 | 69 |
| 21.8 | 50.9 | 5357.6 | 525.0 | -12.0 | -14.9 | 271.2 | 25.6 | 25.6 | -0.5 | 311.3 | 321.4 | 2.0 | 77.2 | 26.1 | 71 |
| 23.4 | 53.9 | 5729.6 | 500.0 | -14.2 | -17.3 | 269.6 | 25.4 | 25.4 | 0.2 | 315.9 | 322.1 | 2.0 | 77.1 | 28.1 | 72 |
| 24.8 | 56.9 | 6116.9 | 475.0 | -17.2 | -20.1 | 266.5 | 23.6 | 23.5 | 1.4 | 316.9 | 322.1 | 1.6 | 77.8 | 30.3 | 73 |
| 26.5 | 60.0 | 6520.4 | 450.0 | -19.6 | -23.0 | 271.5 | 22.3 | 22.3 | -0.6 | 318.7 | 323.1 | 1.3 | 74.1 | 32.3 | 74 |
| 27.9 | 63.3 | 6833.2 | 425.0 | -22.6 | -27.2 | 275.5 | 25.6 | 25.5 | -2.4 | 320.1 | 323.3 | 1.0 | 65.8 | 34.4 | 76 |
| 29.3 | 66.5 | 7344.8 | 400.0 | -26.5 | -29.4 | 282.4 | 24.7 | 24.1 | -8.1 | 322.5 | 323.4 | 0.8 | 76.4 | 36.3 | 77 |
| 30.9 | 70.0 | 7844.6 | 375.0 | -29.5 | -37.1 | 290.4 | 23.1 | 21.7 | -8.1 | 322.5 | 324.0 | 0.4 | 47.5 | 38.3 | 79 |
| 32.4 | 73.4 | 8337.0 | 350.0 | -33.7 | -41.8 | 287.1 | 24.1 | 23.0 | -7.1 | 323.2 | 324.2 | 0.3 | 43.7 | 40.3 | 80 |
| 34.4 | 77.3 | 8851.4 | 325.0 | -38.3 | -46.2 | 297.5 | 24.2 | 21.5 | -11.2 | 323.6 | 324.5 | 0.2 | 42.8 | 42.7 | 81 |
| 36.3 | 81.0 | 9366.8 | 300.0 | -42.8 | -49.9 | 302.5 | 24.6 | 20.7 | -12.2 | 325.0 | 324.9 | 0.9 | 99.9 | 44.6 | 82 |
| 38.2 | 85.1 | 9877.7 | 275.0 | -47.5 | -59.9 | 307.0 | 33.5 | 20.3 | -15.2 | 326.5 | 324.9 | 0.9 | 99.9 | 47.4 | 83 |
| 40.3 | 89.4 | 10400.9 | 250.0 | -52.4 | -64.5 | 308.6 | 39.8 | 35.0 | -19.1 | 328.2 | 324.9 | 0.9 | 99.9 | 51.1 | 84 |
| 42.9 | 94.3 | 11172.5 | 225.0 | -58.2 | -69.9 | 305.6 | 42.0 | 34.2 | -24.4 | 329.3 | 324.9 | 0.9 | 99.9 | 56.7 | 85 |
| 45.1 | 99.0 | 12003.7 | 200.0 | -64.5 | -75.9 | 300.7 | 45.1 | 34.8 | -23.0 | 330.7 | 324.9 | 0.9 | 99.9 | 61.5 | 86 |
| 47.8 | 104.2 | 12814.3 | 175.0 | -64.2 | -75.9 | 298.8 | 19.3 | 18.9 | -6.3 | 344.0 | 324.9 | 0.9 | 99.9 | 66.0 | 87 |
| 51.2 | 110.2 | 13765.5 | 150.0 | -62.4 | -69.9 | 276.8 | 27.5 | 27.3 | -3.2 | 362.7 | 324.9 | 0.9 | 99.9 | 65.8 | 88 |
| 55.4 | 116.5 | 14909.5 | 125.0 | -53.6 | -69.9 | 293.2 | 29.2 | 26.8 | -11.5 | 397.9 | 324.9 | 0.9 | 99.9 | 76.1 | 89 |
| 60.1 | 124.0 | 16331.2 | 100.0 | -58.7 | -69.9 | 284.4 | 16.8 | 16.2 | -4.2 | 414.3 | 324.9 | 0.9 | 99.9 | 83.5 | 90 |
| 66.4 | 132.3 | 18099.5 | 75.0 | -43.2 | -59.9 | 316.6 | 14.5 | 9.9 | -10.5 | 440.4 | 324.9 | 0.9 | 99.9 | 90.0 | 100 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 425
HUNTINGTON, NVA24 APRIL 1975
1415 GMT

| TIME MIN | CNTCT | WEIGHT GEM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SLC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.7 | 246.0 | 981.7 | 20.6 | 14.5 | 240.0 | 6.2 | 5.4 | 3.1 | 256.7 | 324.9 | 10.7 | 68.0 | 0.0 | 0.0 |
| 99.9 | 59.9 | 59.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 8.3 | 303.4 | 975.0 | 20.3 | 15.0 | 206.6 | 17.0 | 7.6 | 15.2 | 297.0 | 326.3 | 11.1 | 71.7 | 0.3 | 27.0 |
| 0.5 | 10.5 | 525.8 | 950.0 | 19.3 | 13.7 | 210.0 | 17.2 | 8.6 | 14.9 | 296.2 | 326.1 | 10.5 | 70.1 | 0.6 | 27.0 |
| 1.5 | 12.7 | 759.0 | 925.0 | 17.5 | 13.0 | 213.0 | 20.1 | 11.0 | 16.9 | 298.6 | 326.0 | 10.3 | 74.9 | 1.3 | 36.0 |
| 2.1 | 15.1 | 592.8 | 900.0 | 15.4 | 12.5 | 217.1 | 23.7 | 14.3 | 18.9 | 298.8 | 326.0 | 10.2 | 82.7 | 2.1 | 31.0 |
| 2.9 | 17.3 | 1232.0 | 875.0 | 14.1 | 13.0 | 227.3 | 27.8 | 20.4 | 18.8 | 299.8 | 326.9 | 10.9 | 93.3 | 3.3 | 31.0 |
| 3.7 | 19.7 | 1476.9 | 850.0 | 12.9 | 11.5 | 235.3 | 29.9 | 24.6 | 17.0 | 301.0 | 329.2 | 10.1 | 91.2 | 4.7 | 40.0 |
| 4.3 | 22.0 | 1729.2 | 825.0 | 12.3 | 10.1 | 240.0 | 30.6 | 26.5 | 15.3 | 304.9 | 329.7 | 9.5 | 86.2 | 5.4 | 44.0 |
| 5.1 | 24.5 | 1986.3 | 800.0 | 10.7 | 7.9 | 241.6 | 26.9 | 23.6 | 12.8 | 303.7 | 326.7 | 8.4 | 82.3 | 7.1 | 47.0 |
| 5.8 | 26.7 | 2250.9 | 775.0 | 9.3 | 6.0 | 241.6 | 27.6 | 24.2 | 13.1 | 304.9 | 329.1 | 8.7 | 91.5 | 8.2 | 46.0 |
| 6.5 | 29.5 | 2522.7 | 750.0 | 7.5 | 6.4 | 241.6 | 28.2 | 24.8 | 13.4 | 305.8 | 326.4 | 8.1 | 92.8 | 9.4 | 51.0 |
| 7.3 | 32.1 | 2802.7 | 725.0 | 6.0 | 4.3 | 242.9 | 28.1 | 25.0 | 12.8 | 307.0 | 327.4 | 7.2 | 88.4 | 10.7 | 54.0 |
| 8.2 | 34.7 | 3039.3 | 700.0 | 4.2 | 2.5 | 246.1 | 28.3 | 25.8 | 11.5 | 308.0 | 326.7 | 6.6 | 88.5 | 12.2 | 54.0 |
| 9.1 | 37.2 | 3384.4 | 675.0 | 2.0 | -0.1 | 249.5 | 27.0 | 25.3 | 9.5 | 308.6 | 324.9 | 5.7 | 86.0 | 13.6 | 55.0 |
| 10.0 | 40.3 | 3688.1 | 650.0 | -0.7 | -2.4 | 252.0 | 26.0 | 24.8 | 8.0 | 310.0 | 322.4 | 4.2 | 83.8 | 15.1 | 57.0 |
| 10.9 | 42.5 | 4001.1 | 625.0 | -2.0 | -5.0 | 253.7 | 28.6 | 27.4 | 6.0 | 310.0 | 322.4 | 3.1 | 77.7 | 15.1 | 57.0 |
| 11.7 | 45.4 | 4325.1 | 600.0 | -3.1 | -9.2 | 254.4 | 31.7 | 30.6 | 6.6 | 312.9 | 322.6 | 3.2 | 62.9 | 17.3 | 56.0 |
| 12.5 | 48.3 | 4660.9 | 575.0 | -5.5 | -8.6 | 253.7 | 32.7 | 31.4 | 9.2 | 314.0 | 324.5 | 3.5 | 78.9 | 19.5 | 61.0 |
| 13.4 | 51.1 | 5008.7 | 550.0 | -7.5 | -10.7 | 255.7 | 31.0 | 30.1 | 7.7 | 315.6 | 325.1 | 3.1 | 77.7 | 21.7 | 62.0 |
| 14.3 | 54.1 | 5365.5 | 525.0 | -10.2 | -19.0 | 259.4 | 31.6 | 31.1 | 5.6 | 316.3 | 321.5 | 1.6 | 48.2 | 22.7 | 61.0 |
| 15.2 | 57.0 | 5743.2 | 500.0 | -13.5 | -22.2 | 261.3 | 29.6 | 29.3 | 4.5 | 316.7 | 320.9 | 1.3 | 47.8 | 24.3 | 66.0 |
| 16.3 | 60.3 | 6132.3 | 475.0 | -15.3 | -26.4 | 258.3 | 28.3 | 28.6 | 5.9 | 319.1 | 322.2 | 0.9 | 38.0 | 26.0 | 61.0 |
| 17.3 | 63.6 | 6539.3 | 450.0 | -18.0 | -30.9 | 265.9 | 30.4 | 30.3 | 2.1 | 320.7 | 322.9 | 0.6 | 31.6 | 27.8 | 61.0 |
| 18.5 | 66.9 | 6965.3 | 425.0 | -19.3 | -32.4 | 270.7 | 28.0 | 28.0 | -0.4 | 324.4 | 327.4 | 1.5 | 76.3 | 29.5 | 61.0 |
| 19.6 | 70.3 | 7413.9 | 400.0 | -22.5 | -35.9 | 272.6 | 24.7 | 24.7 | -1.1 | 325.8 | 329.7 | 1.1 | 73.5 | 31.4 | 61.0 |
| 20.8 | 73.7 | 7885.1 | 375.0 | -25.8 | -38.3 | 283.1 | 20.1 | 19.5 | -4.5 | 327.5 | 330.6 | 0.9 | 71.7 | 32.1 | 71.0 |
| 22.0 | 77.5 | 8381.5 | 350.0 | -28.6 | -38.9 | 287.3 | 23.2 | 23.1 | -5.1 | 328.9 | 331.0 | 0.6 | 64.0 | 34.1 | 72.0 |
| 23.1 | 81.2 | 8906.2 | 325.0 | -31.5 | -38.9 | 287.3 | 24.2 | 24.0 | -7.2 | 330.4 | 331.9 | 0.4 | 58.5 | 35.7 | 71.0 |
| 24.6 | 85.3 | 9462.4 | 300.0 | -38.6 | -43.8 | 288.8 | 23.4 | 22.0 | -6.0 | 331.0 | 331.9 | 0.3 | 57.2 | 37.2 | 71.0 |
| 25.9 | 89.5 | 10053.6 | 275.0 | -44.0 | -49.9 | 277.6 | 20.4 | 20.2 | -3.5 | 331.6 | 331.9 | 99.9 | 99.9 | 38.9 | 71.0 |
| 27.2 | 94.0 | 10625.7 | 250.0 | -49.5 | -55.9 | 275.3 | 24.7 | 24.6 | -2.3 | 332.5 | 332.9 | 99.9 | 99.9 | 40.4 | 72.0 |
| 28.6 | 98.6 | 11365.8 | 225.0 | -55.9 | -59.9 | 275.5 | 24.4 | 24.3 | -2.3 | 332.9 | 332.9 | 99.9 | 99.9 | 42.9 | 71.0 |
| 30.2 | 103.3 | 12102.9 | 200.0 | -63.0 | -63.0 | 278.4 | 21.1 | 20.8 | -3.1 | 333.0 | 333.0 | 99.9 | 99.9 | 44.4 | 71.0 |
| 32.1 | 105.3 | 12912.4 | 175.0 | -67.8 | -67.8 | 280.1 | 33.0 | 32.5 | -5.8 | 336.1 | 336.1 | 99.9 | 99.9 | 47.4 | 71.0 |
| 34.4 | 115.2 | 13877.3 | 150.0 | -58.4 | -58.4 | 286.9 | 33.0 | 31.6 | -9.6 | 339.5 | 339.5 | 99.9 | 99.9 | 52.1 | 81.0 |
| 37.2 | 122.0 | 15022.4 | 125.0 | -59.1 | -59.1 | 263.7 | 28.8 | 24.7 | 2.7 | 388.0 | 399.9 | 99.9 | 99.9 | 56.7 | 81.0 |
| 40.5 | 129.3 | 16424.0 | 100.0 | -61.2 | -61.2 | 259.0 | 18.2 | 15.9 | 3.1 | 409.6 | 399.9 | 99.9 | 99.9 | 61.2 | 91.0 |
| 44.5 | 137.7 | 18201.1 | 75.0 | -63.2 | -63.2 | 292.0 | 8.3 | 7.7 | -3.1 | 440.5 | 399.9 | 99.9 | 99.9 | 64.0 | 91.0 |
| 49.5 | 146.5 | 20727.3 | 50.0 | -56.9 | -56.9 | 99.9 | 99.9 | 99.9 | 99.9 | 50.5 | 399.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 429
DAYTON, OHIO24 APRIL 1975
1415 GMT

107 155. C

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP CG C | DEW PT CG C | DIR DG | SPEED M/SLC | U COMP M/SEC | V COMP M/SEC | POT T UG K | E POT T DG K | MR RTO GM/KG | RM PCT | RANGI KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 00.0 | 7.6 | 298.0 | 976.0 | 14.9 | 14.3 | 250.0 | 6.7 | 6.3 | 2.3 | 291.5 | 316.7 | 10.6 | 96.0 | 0.0 | 0.0 |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 01.7 | 7.7 | 306.7 | 975.0 | 14.7 | 13.9 | 251.0 | 5.9 | 5.6 | 1.3 | 291.3 | 314.0 | 10.3 | 95.0 | 0.0 | 1.0 |
| 1.0 | 5.9 | 526.2 | 950.0 | 13.0 | 11.3 | 260.5 | 11.3 | 11.2 | 1.9 | 291.5 | 314.8 | 8.9 | 89.7 | 0.4 | 7.0 |
| 2.0 | 11.7 | 750.7 | 925.0 | 12.3 | 9.9 | 270.2 | 10.9 | 10.9 | -0.0 | 293.0 | 314.9 | 8.3 | 85.3 | 1.2 | 4.0 |
| 2.9 | 13.8 | 990.3 | 900.0 | 10.9 | 8.6 | 267.9 | 12.9 | 12.9 | 0.5 | 293.7 | 314.5 | 7.8 | 85.6 | 1.4 | 8.0 |
| 4.1 | 15.9 | 1215.1 | 875.0 | 9.6 | 7.1 | 264.4 | 9.4 | 9.3 | 0.9 | 294.8 | 314.2 | 7.3 | 84.0 | 2.6 | 9.0 |
| 5.2 | 18.1 | 1455.6 | 850.0 | 8.3 | 5.5 | 270.5 | 9.5 | 9.5 | -0.1 | 295.7 | 313.7 | 6.7 | 82.5 | 3.2 | 0.0 |
| 6.2 | 20.2 | 1702.2 | 825.0 | 6.8 | 4.9 | 278.8 | 9.0 | 8.0 | -1.2 | 296.7 | 314.6 | 6.6 | 87.1 | 3.7 | 4.0 |
| 7.4 | 22.4 | 1954.5 | 800.0 | 4.8 | 3.1 | 277.2 | 6.8 | 6.7 | -0.8 | 297.1 | 313.5 | 6.0 | 86.5 | 4.2 | 8.0 |
| 8.6 | 24.7 | 2213.2 | 775.0 | 3.4 | 1.5 | 254.6 | 6.2 | 6.0 | 1.7 | 298.1 | 313.4 | 5.5 | 87.6 | 4.7 | 9.0 |
| 9.8 | 26.9 | 2479.3 | 750.0 | 2.6 | 0.8 | 241.7 | 10.0 | 8.9 | 4.7 | 300.1 | 315.2 | 5.4 | 98.1 | 5.2 | 4.0 |
| 10.4 | 29.2 | 2753.4 | 725.0 | 1.4 | -0.1 | 240.1 | 14.2 | 12.3 | 7.1 | 301.7 | 316.4 | 5.3 | 89.9 | 5.9 | 4.0 |
| 11.8 | 31.4 | 3236.4 | 700.0 | 1.0 | -0.5 | 245.2 | 18.8 | 17.1 | 7.9 | 304.3 | 314.3 | 5.3 | 89.7 | 6.4 | 8.0 |
| 12.4 | 34.2 | 3328.8 | 675.0 | -0.1 | -1.4 | 247.8 | 22.6 | 20.9 | 8.5 | 306.2 | 320.9 | 5.1 | 90.8 | 6.2 | 7.0 |
| 14.2 | 36.7 | 3621.2 | 650.0 | -1.2 | -2.3 | 247.3 | 25.4 | 23.4 | 9.8 | 308.3 | 322.7 | 5.0 | 91.6 | 10.0 | 7.0 |
| 15.6 | 39.4 | 3943.4 | 625.0 | -3.0 | -4.2 | 247.2 | 23.9 | 22.0 | 9.2 | 309.5 | 322.7 | 4.5 | 91.9 | 12.1 | 7.0 |
| 17.2 | 41.9 | 4266.5 | 600.0 | -4.3 | -5.7 | 252.5 | 23.3 | 22.2 | 7.0 | 311.7 | 324.0 | 4.2 | 89.4 | 14.3 | 7.0 |
| 18.0 | 44.9 | 4601.1 | 575.0 | -6.3 | -8.2 | 255.5 | 23.4 | 22.7 | 5.9 | 313.0 | 323.8 | 3.6 | 86.4 | 16.6 | 7.0 |
| 20.5 | 47.9 | 4988.2 | 550.0 | -8.0 | -10.0 | 259.3 | 22.7 | 22.3 | 4.2 | 315.0 | 324.9 | 3.2 | 85.1 | 18.9 | 7.0 |
| 21.9 | 50.6 | 5309.1 | 525.0 | -9.7 | -11.9 | 262.6 | 25.1 | 24.9 | 3.2 | 317.1 | 326.2 | 2.9 | 83.9 | 20.9 | 7.0 |
| 23.4 | 53.6 | 5684.5 | 500.0 | -12.0 | -14.4 | 264.3 | 23.8 | 23.7 | 2.3 | 318.7 | 326.6 | 2.5 | 82.0 | 23.1 | 7.0 |
| 25.0 | 56.1 | 6075.7 | 475.0 | -14.6 | -17.5 | 262.0 | 26.1 | 25.9 | 3.6 | 320.1 | 326.6 | 2.0 | 78.2 | 25.4 | 7.0 |
| 26.8 | 60.3 | 6423.0 | 450.0 | -17.5 | -20.6 | 257.6 | 27.1 | 26.5 | 5.8 | 321.4 | 326.8 | 1.6 | 76.1 | 28.3 | 7.0 |
| 28.5 | 63.4 | 6900.4 | 425.0 | -20.4 | -23.6 | 254.0 | 23.4 | 22.5 | 6.5 | 323.0 | 327.4 | 1.3 | 74.8 | 31.3 | 7.0 |
| 30.3 | 66.8 | 7355.6 | 400.0 | -23.7 | -27.3 | 257.4 | 28.7 | 28.0 | 6.3 | 324.3 | 327.7 | 1.0 | 72.0 | 33.5 | 7.0 |
| 32.0 | 70.4 | 7824.3 | 375.0 | -27.2 | -31.0 | 255.9 | 27.6 | 26.4 | 6.7 | 325.6 | 324.3 | 0.8 | 69.5 | 35.5 | 7.0 |
| 33.9 | 74.2 | 8317.2 | 350.0 | -31.2 | -35.4 | 253.5 | 29.0 | 27.8 | 8.2 | 326.7 | 328.6 | 0.5 | 65.6 | 39.9 | 7.0 |
| 35.8 | 78.3 | 8837.7 | 325.0 | -35.8 | -40.6 | 249.5 | 28.7 | 26.9 | 10.0 | 327.3 | 328.5 | 0.3 | 61.0 | 43.0 | 7.0 |
| 37.4 | 82.4 | 9388.7 | 300.0 | -40.4 | -45.9 | 248.4 | 26.1 | 24.3 | 9.6 | 328.4 | 999.9 | 99.9 | 99.9 | 46.5 | 7.0 |
| 40.1 | 86.7 | 9975.5 | 275.0 | -45.5 | -49.9 | 249.2 | 31.9 | 31.7 | 12.1 | 329.3 | 999.9 | 99.9 | 99.9 | 50.0 | 7.0 |
| 42.1 | 91.5 | 10602.9 | 250.0 | -51.1 | -59.9 | 247.9 | 35.4 | 32.8 | 13.3 | 330.1 | 999.9 | 99.9 | 99.9 | 54.4 | 7.0 |
| 44.7 | 96.6 | 11278.5 | 225.0 | -57.4 | -69.9 | 246.5 | 34.3 | 31.4 | 13.7 | 330.5 | 999.9 | 99.9 | 99.9 | 58.7 | 7.0 |
| 47.5 | 102.0 | 12010.0 | 200.0 | -64.6 | -79.9 | 245.1 | 35.8 | 32.1 | 14.9 | 330.5 | 999.9 | 99.9 | 99.9 | 65.7 | 7.0 |
| 50.4 | 108.0 | 12820.4 | 175.0 | -62.5 | -69.9 | 271.8 | 36.2 | 36.2 | -1.2 | 346.7 | 999.9 | 99.9 | 99.9 | 72.1 | 7.0 |
| 52.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 54.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 56.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 58.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 60.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 62.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10. DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 1

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OF POOR QUALITY

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STATION NO. 433
SALEM, ILL24 APRIL 1975
1505 GMT

| TIME MIN | CNTCT | HEIGHT GM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RH PCT | RANGE KN | AZ DG |
|-------------|-------|--------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.0 | 175.0 | 989.6 | 16.7 | 15.4 | 250.0 | 3.6 | 3.4 | 1.2 | 292.2 | 321.2 | 11.2 | 92.0 | 0.0 | 0. |
| 0.9 | 45.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 7.1 | 311.5 | 975.0 | 14.3 | 13.4 | 250.8 | 5.7 | 5.4 | 1.9 | 290.9 | 316.6 | 10.0 | 94.0 | 0.2 | 7.7 |
| 1.1 | 5.3 | 521.0 | 950.0 | 12.9 | 11.7 | 240.0 | 5.0 | 4.3 | 3.5 | 291.5 | 315.4 | 9.2 | 92.7 | 0.4 | 7.2 |
| 1.9 | 11.4 | 744.7 | 925.0 | 11.0 | 7.8 | 229.1 | 4.7 | 3.5 | 3.1 | 291.5 | 310.6 | 7.2 | 81.2 | 0.6 | 6.4 |
| 2.7 | 13.6 | 974.1 | 900.0 | 12.0 | 7.0 | 230.6 | 2.8 | 2.4 | 1.4 | 294.8 | 313.6 | 7.0 | 71.4 | 0.9 | 6.0 |
| 3.5 | 15.8 | 1210.6 | 875.0 | 12.5 | 3.4 | 192.0 | 1.1 | 0.2 | 1.0 | 297.5 | 312.9 | 5.6 | 54.1 | 0.9 | 6.1 |
| 4.4 | 18.1 | 1433.3 | 850.0 | 10.9 | 2.5 | 234.8 | 4.0 | 3.3 | 2.3 | 298.2 | 313.2 | 5.4 | 54.4 | 1.0 | 5.7 |
| 5.1 | 20.5 | 1721.7 | 825.0 | 9.2 | 2.7 | 248.8 | 9.2 | 8.6 | 3.3 | 299.0 | 314.7 | 5.7 | 64.1 | 1.3 | 5.9 |
| 6.1 | 22.9 | 1956.4 | 800.0 | 8.0 | 1.6 | 247.3 | 14.0 | 12.9 | 5.4 | 300.4 | 315.3 | 5.4 | 63.8 | 1.9 | 6.4 |
| 7.0 | 25.3 | 2218.0 | 775.0 | 6.6 | 0.1 | 257.2 | 14.8 | 14.4 | 3.3 | 301.6 | 315.6 | 5.0 | 63.2 | 2.7 | 6.4 |
| 7.9 | 27.7 | 2487.2 | 750.0 | 6.2 | -2.4 | 272.9 | 14.8 | 14.8 | -0.8 | 303.9 | 316.2 | 4.3 | 53.9 | 3.4 | 6.0 |
| 8.4 | 30.3 | 2765.2 | 725.0 | 5.8 | -3.0 | 286.7 | 14.7 | 14.0 | -4.8 | 306.4 | 318.6 | 4.2 | 53.2 | 4.2 | 7.5 |
| 9.5 | 33.0 | 3051.5 | 700.0 | 3.6 | -3.9 | 288.8 | 19.3 | 18.3 | -6.2 | 307.0 | 319.1 | 4.1 | 58.6 | 5.1 | 8.2 |
| 10.6 | 35.5 | 3348.0 | 675.0 | 0.9 | -2.4 | 285.8 | 20.0 | 19.2 | -5.5 | 307.3 | 321.0 | 4.8 | 78.6 | 6.0 | 8.4 |
| 11.7 | 38.0 | 3648.3 | 650.0 | -1.3 | -2.8 | 281.0 | 19.8 | 19.5 | -3.8 | 308.1 | 322.0 | 4.8 | 89.8 | 7.2 | 8.9 |
| 12.7 | 40.9 | 3960.6 | 625.0 | -2.9 | -4.2 | 274.0 | 18.7 | 18.7 | -1.3 | 309.7 | 322.8 | 4.5 | 90.5 | 8.4 | 9.1 |
| 13.8 | 43.8 | 4283.6 | 600.0 | -4.6 | -6.0 | 268.1 | 18.1 | 18.0 | 1.8 | 311.4 | 323.4 | 4.1 | 89.4 | 9.6 | 9.4 |
| 14.8 | 46.7 | 4617.7 | 575.0 | -6.7 | -8.3 | 259.0 | 21.1 | 20.7 | 4.0 | 312.6 | 323.3 | 3.6 | 88.5 | 10.7 | 9.4 |
| 15.9 | 49.8 | 4963.8 | 550.0 | -9.0 | -10.2 | 258.0 | 24.3 | 23.8 | 5.1 | 313.8 | 323.5 | 3.2 | 91.0 | 12.1 | 8.4 |
| 16.9 | 52.6 | 5323.3 | 525.0 | -10.8 | -12.1 | 259.0 | 26.0 | 25.5 | 5.0 | 315.8 | 324.7 | 2.9 | 89.0 | 13.4 | 8.7 |
| 18.1 | 55.7 | 5677.5 | 500.0 | -12.9 | -14.5 | 260.2 | 25.9 | 25.6 | 4.4 | 317.6 | 325.4 | 2.5 | 87.8 | 15.1 | 8.4 |
| 19.2 | 58.9 | 6087.3 | 475.0 | -15.0 | -17.2 | 260.4 | 26.0 | 25.6 | 4.3 | 319.6 | 326.3 | 2.1 | 86.8 | 17.4 | 8.4 |
| 20.5 | 62.3 | 6454.5 | 450.0 | -17.5 | -20.0 | 258.4 | 25.2 | 24.7 | 5.0 | 321.3 | 326.7 | 1.7 | 77.2 | 19.2 | 8.4 |
| 21.8 | 65.8 | 6820.3 | 425.0 | -21.0 | -24.6 | 262.1 | 26.0 | 25.8 | 3.6 | 322.2 | 326.3 | 1.2 | 72.7 | 21.3 | 8.4 |
| 23.2 | 68.3 | 7365.7 | 400.0 | -23.9 | -27.1 | 260.0 | 25.6 | 25.2 | 4.5 | 323.9 | 327.4 | 1.0 | 75.0 | 23.6 | 8.4 |
| 24.9 | 73.0 | 7873.5 | 375.0 | -27.8 | -32.5 | 260.5 | 27.2 | 26.8 | 4.5 | 324.8 | 327.0 | 0.7 | 63.9 | 26.0 | 9.4 |
| 26.2 | 76.3 | 8325.8 | 350.0 | -31.6 | -37.1 | 263.9 | 26.8 | 26.6 | 4.8 | 326.0 | 327.6 | 0.4 | 58.0 | 28.2 | 8.4 |
| 27.9 | 80.9 | 8846.1 | 325.0 | -35.8 | -41.3 | 258.9 | 26.1 | 25.6 | 5.0 | 327.3 | 328.4 | 0.3 | 50.1 | 30.7 | 9.1 |
| 29.7 | 85.1 | 9374.4 | 300.0 | -40.1 | -46.9 | 249.4 | 26.2 | 24.6 | 9.2 | 328.9 | 329.9 | 99.9 | 99.9 | 33.6 | 8.4 |
| 31.7 | 89.6 | 9925.4 | 275.0 | -45.2 | -52.9 | 248.2 | 24.5 | 22.1 | 10.7 | 329.8 | 329.9 | 99.9 | 99.9 | 36.5 | 8.1 |
| 33.9 | 94.6 | 10613.4 | 250.0 | -51.2 | -59.9 | 246.4 | 30.9 | 28.4 | 12.1 | 330.0 | 329.9 | 99.9 | 99.9 | 39.4 | 8.1 |
| 35.9 | 99.5 | 11299.1 | 225.0 | -57.4 | -67.4 | 243.9 | 31.6 | 28.9 | 12.7 | 330.6 | 329.9 | 99.9 | 99.9 | 42.7 | 8.4 |
| 38.4 | 105.0 | 12023.4 | 200.0 | -62.7 | -74.9 | 250.4 | 35.4 | 31.4 | 11.9 | 333.5 | 329.9 | 99.9 | 99.9 | 46.4 | 7.7 |
| 41.1 | 111.0 | 12850.1 | 175.0 | -62.1 | -79.9 | 250.4 | 35.4 | 26.9 | 10.7 | 337.5 | 329.9 | 99.9 | 99.9 | 50.1 | 7.4 |
| 44.5 | 117.7 | 13612.6 | 150.0 | -58.3 | -74.9 | 260.4 | 27.6 | 27.2 | 4.6 | 369.7 | 329.9 | 99.9 | 99.9 | 54.7 | 7.4 |
| 48.4 | 125.5 | 14956.0 | 125.0 | -59.8 | -79.9 | 262.8 | 27.1 | 26.9 | 3.4 | 386.7 | 329.9 | 99.9 | 99.9 | 59.1 | 7.4 |
| 53.0 | 134.0 | 16351.9 | 100.0 | -58.1 | -79.9 | 262.8 | 17.2 | 16.6 | -4.4 | 415.4 | 329.9 | 99.9 | 99.9 | 65.5 | 7.4 |
| 58.6 | 143.0 | 18128.9 | 75.0 | -62.9 | -79.9 | 271.2 | 14.4 | 14.4 | -0.3 | 441.1 | 329.9 | 99.9 | 99.9 | 72.7 | 7.4 |
| 64.3 | 152.0 | 20456.6 | 50.0 | -58.1 | -79.9 | 281.6 | 3.7 | 3.6 | -0.7 | 506.5 | 329.9 | 99.9 | 99.9 | 78.5 | 8.4 |
| 70.3 | 163.3 | 25116.5 | 25.0 | -50.1 | -79.9 | 336.5 | 2.1 | 0.8 | -1.0 | 641.0 | 329.9 | 99.9 | 99.9 | 78.5 | 8.4 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 451
DODGE CITY, KAN
24 APRIL 1975
1405 GMT

| TIME MIN | CNTCT | WEIGHT GEM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCVP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE A2 KM | DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|----------------|----------|
| 0.0 | 13.9 | 791.0 | 919.3 | 14.4 | 12.8 | 359.0 | 7.7 | 1.3 | -7.6 | 255.9 | 322.2 | 10.2 | 90.0 | 0.0 | 0. |
| 99.9 | 95.7 | 904.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 15.6 | 970.2 | 900.0 | 12.4 | 11.4 | 354.5 | 11.6 | 1.1 | -11.6 | 255.5 | 320.6 | 9.5 | 93.9 | 0.4 171. | 0.4 171. |
| 1.2 | 16.0 | 1206.6 | 875.0 | 11.3 | 10.7 | 354.1 | 11.1 | 1.1 | -11.1 | 256.7 | 321.5 | 9.3 | 96.5 | 0.8 172. | 0.8 172. |
| 2.0 | 20.5 | 1449.6 | 850.0 | 11.5 | 11.0 | 5.8 | 7.2 | -0.7 | -7.2 | 259.5 | 325.8 | 9.8 | 96.6 | 1.3 174. | 1.3 174. |
| 2.8 | 22.9 | 1699.0 | 825.0 | 13.2 | -4.2 | 19.2 | 5.6 | -1.8 | -5.3 | 303.0 | 312.8 | 3.4 | 29.5 | 1.6 178. | 1.6 178. |
| 3.5 | 25.5 | 1958.0 | 800.0 | 13.3 | -12.0 | 30.3 | 4.8 | -2.4 | -3.9 | 305.6 | 311.3 | 1.9 | 16.0 | 1.7 181. | 1.7 181. |
| 4.2 | 28.3 | 2223.4 | 775.0 | 11.8 | -21.0 | 27.6 | 4.9 | -2.3 | -4.3 | 306.6 | 309.6 | 0.9 | 8.2 | 1.9 185. | 1.9 185. |
| 5.1 | 30.8 | 2496.6 | 750.0 | 9.9 | -30.3 | 2.3 | 5.0 | -0.2 | -5.0 | 307.4 | 308.7 | 0.4 | 4.0 | 2.2 189. | 2.2 189. |
| 6.0 | 33.6 | 2776.5 | 725.0 | 7.3 | -43.6 | 339.8 | 6.0 | 2.1 | -5.6 | 307.5 | 307.9 | 0.1 | 1.3 | 2.4 184. | 2.4 184. |
| 6.9 | 36.2 | 3063.6 | 700.0 | 5.0 | -40.6 | 320.7 | 4.6 | 2.0 | -4.2 | 308.0 | 308.6 | 0.2 | 2.0 | 2.7 181. | 2.7 181. |
| 7.8 | 39.0 | 3352.4 | 675.0 | 2.3 | -35.3 | 320.3 | 2.5 | 1.6 | -1.9 | 308.3 | 309.2 | 0.3 | 4.1 | 2.9 179. | 2.9 179. |
| 8.7 | 41.9 | 3661.6 | 650.0 | -0.3 | -30.7 | 264.8 | 2.8 | 2.8 | 0.3 | 308.6 | 310.1 | 0.5 | 7.9 | 3.0 178. | 3.0 178. |
| 9.6 | 44.9 | 3973.5 | 625.0 | -3.0 | -28.1 | 252.3 | 5.3 | 5.1 | 1.6 | 309.1 | 311.1 | 0.6 | 12.3 | 2.9 173. | 2.9 173. |
| 11.0 | 48.0 | 4294.4 | 600.0 | -6.3 | -26.6 | 250.9 | 6.7 | 6.5 | 1.5 | 309.9 | 311.3 | 0.7 | 18.0 | 2.9 164. | 2.9 164. |
| 12.0 | 50.8 | 4626.2 | 575.0 | -9.0 | -25.5 | 256.7 | 7.2 | 7.0 | 1.7 | 309.5 | 312.2 | 0.8 | 24.8 | 2.9 155. | 2.9 155. |
| 13.2 | 53.1 | 4966.3 | 550.0 | -11.8 | -24.0 | 251.9 | 9.7 | 9.6 | 1.7 | 310.1 | 312.8 | 0.8 | 29.6 | 3.1 146. | 3.1 146. |
| 14.4 | 57.1 | 5123.8 | 525.0 | -13.4 | -33.9 | 244.6 | 14.5 | 13.1 | 6.2 | 312.3 | 313.7 | 0.4 | 15.9 | 3.5 133. | 3.5 133. |
| 15.6 | 60.5 | 5693.8 | 500.0 | -15.5 | -37.1 | 239.5 | 18.2 | 15.7 | 9.2 | 314.2 | 315.3 | 0.3 | 13.8 | 4.0 115. | 4.0 115. |
| 16.9 | 64.0 | 6078.8 | 475.0 | -18.1 | -39.5 | 240.0 | 20.6 | 18.8 | 8.4 | 315.5 | 316.4 | 0.3 | 13.2 | 5.0 102. | 5.0 102. |
| 18.1 | 67.3 | 6479.8 | 450.0 | -21.9 | -35.2 | 249.3 | 22.8 | 21.3 | 8.1 | 315.7 | 317.6 | 0.6 | 39.4 | 6.4 98. | 6.4 98. |
| 19.3 | 70.9 | 6968.4 | 425.0 | -24.5 | -30.1 | 250.8 | 28.0 | 24.5 | 8.5 | 317.6 | 320.1 | 0.7 | 59.3 | 8.2 89. | 8.2 89. |
| 20.7 | 74.7 | 7337.0 | 400.0 | -27.9 | -37.2 | 247.9 | 25.5 | 27.3 | 11.1 | 318.8 | 320.8 | 0.6 | 60.0 | 10.3 85. | 10.3 85. |
| 22.0 | 78.7 | 7757.5 | 375.0 | -31.3 | -37.8 | 245.6 | 32.9 | 30.0 | 13.6 | 320.1 | 321.5 | 0.4 | 52.2 | 12.7 81. | 12.7 81. |
| 23.4 | 82.7 | 8282.7 | 350.0 | -34.7 | -42.0 | 248.4 | 39.8 | 37.0 | 14.6 | 321.9 | 322.9 | 0.3 | 47.0 | 15.6 78. | 15.6 78. |
| 25.0 | 86.7 | 8796.9 | 325.0 | -37.8 | -45.0 | 249.8 | 42.7 | 40.1 | 14.7 | 324.5 | 325.2 | 0.2 | 46.4 | 19.5 77. | 19.5 77. |
| 26.7 | 91.3 | 9342.7 | 300.0 | -43.0 | -49.9 | 250.0 | 48.0 | 45.1 | 16.4 | 324.7 | 325.9 | 99.9 | 99.9 | 24.3 75. | 24.3 75. |
| 28.6 | 95.9 | 9923.4 | 275.0 | -47.4 | -54.9 | 250.9 | 50.3 | 47.6 | 16.5 | 326.6 | 327.9 | 99.9 | 99.9 | 29.9 74. | 29.9 74. |
| 30.6 | 100.7 | 10549.1 | 250.0 | -50.8 | -59.0 | 253.9 | 48.5 | 46.7 | 13.4 | 330.6 | 330.6 | 99.9 | 99.9 | 35.8 74. | 35.8 74. |
| 32.9 | 104.3 | 11228.6 | 225.0 | -55.7 | -63.9 | 256.7 | 48.8 | 48.5 | 11.5 | 333.1 | 333.1 | 99.9 | 99.9 | 43.0 74. | 43.0 74. |
| 35.1 | 111.5 | 11569.9 | 200.0 | -59.1 | -68.9 | 259.9 | 50.6 | 48.3 | 15.1 | 335.2 | 335.2 | 99.9 | 99.9 | 49.0 74. | 49.0 74. |
| 37.9 | 117.5 | 12805.9 | 175.0 | -59.3 | -69.9 | 255.5 | 37.1 | 36.1 | 8.7 | 352.2 | 352.2 | 99.9 | 99.9 | 56.6 74. | 56.6 74. |
| 41.1 | 124.3 | 13777.9 | 150.0 | -57.7 | -67.9 | 247.6 | 29.8 | 27.6 | 11.3 | 370.7 | 370.7 | 99.9 | 99.9 | 62.7 74. | 62.7 74. |
| 45.2 | 131.3 | 14924.3 | 125.0 | -58.7 | -69.9 | 243.0 | 27.5 | 24.9 | 11.6 | 378.7 | 378.7 | 99.9 | 99.9 | 69.9 73. | 69.9 73. |
| 49.8 | 136.8 | 16326.2 | 100.0 | -58.7 | -69.9 | 252.2 | 25.6 | 24.4 | 7.9 | 414.3 | 414.3 | 99.9 | 99.9 | 77.9 73. | 77.9 73. |
| 55.5 | 146.3 | 19141.0 | 75.0 | -60.3 | -69.9 | 271.9 | 18.4 | 19.4 | -0.6 | 446.5 | 446.5 | 99.9 | 99.9 | 85.5 73. | 85.5 73. |
| 63.0 | 154.3 | 20676.6 | 50.0 | -54.0 | -69.9 | 259.3 | 11.7 | 11.5 | 2.2 | 516.4 | 516.4 | 99.9 | 99.9 | 89.2 74. | 89.2 74. |
| 74.8 | 162.7 | 23144.6 | 25.0 | -49.4 | -69.9 | 65.6 | 2.5 | -2.3 | -1.1 | 643.1 | 643.1 | 99.9 | 99.9 | 91.9 75. | 91.9 75. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE 5

STATION NO. 450
TOPEKA, KAN24 APRIL 1975
1420 GMT

| TIME MIN | CATCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTU GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.3 | 268.0 | 977.8 | 18.3 | 16.1 | 140.0 | 7.7 | -4.9 | 5.9 | 254.9 | 325.9 | 11.9 | 87.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1008.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 6.5 | 292.6 | 975.0 | 17.3 | 14.8 | 143.1 | 8.0 | -4.8 | 6.4 | 294.0 | 322.8 | 11.0 | 85.4 | 0.1 | 34.7 |
| 0.9 | 6.6 | 513.3 | 950.0 | 13.9 | 12.6 | 147.9 | 8.7 | -4.0 | 7.4 | 292.6 | 317.9 | 9.7 | 91.9 | 0.5 | 32.3 |
| 1.8 | 10.5 | 738.1 | 925.0 | 12.2 | 11.2 | 141.8 | 9.6 | -5.0 | 7.5 | 293.0 | 316.9 | 9.1 | 93.6 | 0.9 | 32.5 |
| 2.6 | 12.5 | 969.4 | 900.0 | 15.6 | 5.3 | 117.0 | 8.7 | -7.8 | 4.0 | 298.4 | 315.5 | 6.3 | 50.6 | 1.4 | 32.0 |
| 3.6 | 14.7 | 1209.2 | 875.0 | 15.0 | 1.5 | 102.5 | 6.8 | -6.6 | 1.5 | 300.0 | 313.7 | 4.9 | 40.1 | 1.6 | 31.2 |
| 4.6 | 16.6 | 1452.8 | 850.0 | 13.1 | 2.1 | 92.2 | 3.9 | -3.9 | 0.2 | 300.6 | 315.3 | 5.3 | 47.2 | 2.1 | 31.7 |
| 5.4 | 18.9 | 1702.9 | 825.0 | 11.2 | 1.4 | 46.0 | 3.1 | -2.2 | -2.2 | 301.1 | 315.5 | 5.1 | 50.9 | 2.2 | 31.3 |
| 6.6 | 20.9 | 1959.5 | 800.0 | 9.7 | 0.9 | 34.7 | 1.3 | 0.3 | -1.2 | 302.2 | 316.6 | 5.1 | 54.3 | 2.2 | 29.9 |
| 7.6 | 23.2 | 2222.6 | 775.0 | 7.9 | 1.3 | 28.3 | 1.8 | 1.7 | -0.5 | 303.0 | 318.4 | 5.5 | 63.2 | 2.1 | 29.9 |
| 8.7 | 25.5 | 2492.8 | 750.0 | 6.4 | -3.6 | 28.9 | 3.9 | 3.7 | -1.1 | 304.0 | 315.3 | 3.9 | 48.9 | 1.9 | 30.1 |
| 9.7 | 27.7 | 2770.1 | 725.0 | 4.9 | -7.3 | 29.8 | 7.1 | (.3) | -3.4 | 305.2 | 314.2 | 3.1 | 40.9 | 1.6 | 30.4 |
| 10.7 | 30.1 | 3055.4 | 700.0 | 3.7 | -16.8 | 99.9 | 99.9 | 99.9 | 99.9 | 306.7 | 311.3 | 1.5 | 20.7 | 99.9 | 99.9 |
| 11.4 | 32.6 | 3349.3 | 675.0 | 1.3 | -16.8 | 99.9 | 99.9 | 99.9 | 99.9 | 307.2 | 311.9 | 1.5 | 24.6 | 99.9 | 99.9 |
| 12.0 | 35.2 | 3651.5 | 650.0 | -1.3 | -16.7 | 99.9 | 99.9 | 99.9 | 99.9 | 307.6 | 311.8 | 1.3 | 25.1 | 99.9 | 99.9 |
| 14.0 | 37.5 | 3962.8 | 625.0 | -3.5 | -19.0 | 99.9 | 99.9 | 99.9 | 99.9 | 308.6 | 312.9 | 1.4 | 28.7 | 99.9 | 99.9 |
| 15.2 | 40.2 | 4283.9 | 600.0 | -6.0 | -22.3 | 256.9 | 14.4 | 14.1 | 3.3 | 309.3 | 312.7 | 1.1 | 26.1 | 1.4 | 91.0 |
| 16.5 | 42.7 | 4615.2 | 575.0 | -9.1 | -23.9 | 254.4 | 19.9 | 19.1 | 5.3 | 309.5 | 312.5 | 1.0 | 28.7 | 3.2 | 94.0 |
| 17.7 | 45.4 | 4957.3 | 550.0 | -11.9 | -23.1 | 252.5 | 19.3 | 18.4 | 5.8 | 310.0 | 313.5 | 1.1 | 38.9 | 4.7 | 91.0 |
| 19.1 | 48.4 | 5311.3 | 525.0 | -15.1 | -22.9 | 248.8 | 20.5 | 19.1 | 7.4 | 310.4 | 314.1 | 1.1 | 50.8 | 6.2 | 74.0 |
| 20.5 | 51.2 | 5679.2 | 500.0 | -16.6 | -23.1 | 251.0 | 25.7 | 24.3 | 8.3 | 312.9 | 316.7 | 1.2 | 56.9 | 8.1 | 76.0 |
| 21.7 | 54.3 | 6063.6 | 475.0 | -18.6 | -33.3 | 250.9 | 28.9 | 27.3 | 9.4 | 314.9 | 316.6 | 0.5 | 26.1 | 10.3 | 75.0 |
| 23.3 | 57.1 | 6465.0 | 450.0 | -21.0 | -37.5 | 250.6 | 31.2 | 29.4 | 10.4 | 316.8 | 318.0 | 0.3 | 21.8 | 13.0 | 74.0 |
| 24.8 | 60.4 | 6884.6 | 425.0 | -24.3 | -32.2 | 248.6 | 32.8 | 30.6 | 12.0 | 317.9 | 319.9 | 0.6 | 47.4 | 16.0 | 73.0 |
| 26.5 | 64.0 | 7323.1 | 400.0 | -27.9 | -30.9 | 243.7 | 31.6 | 29.6 | 11.0 | 318.8 | 320.5 | 0.5 | 50.9 | 19.3 | 72.0 |
| 28.2 | 67.3 | 7784.0 | 375.0 | -31.0 | -30.0 | 252.3 | 31.8 | 30.3 | 9.7 | 320.6 | 321.8 | 0.3 | 44.8 | 22.5 | 72.0 |
| 30.0 | 70.8 | 8265.2 | 350.0 | -35.4 | -43.3 | 250.6 | 31.9 | 30.1 | 10.6 | 321.0 | 321.8 | 0.2 | 43.5 | 25.8 | 72.0 |
| 31.8 | 74.7 | 8781.1 | 325.0 | -39.3 | -50.0 | 252.5 | 31.2 | 29.8 | 9.4 | 322.5 | 322.9 | 0.1 | 30.4 | 29.4 | 72.0 |
| 33.9 | 78.8 | 9323.4 | 300.0 | -43.9 | 99.9 | 255.4 | 32.9 | 31.8 | 8.3 | 323.5 | 999.9 | 99.9 | 99.9 | 33.3 | 72.0 |
| 36.3 | 83.0 | 9902.7 | 275.0 | -47.6 | 99.9 | 257.7 | 31.3 | 30.6 | 6.7 | 326.2 | 999.9 | 99.9 | 99.9 | 37.7 | 72.0 |
| 38.7 | 87.3 | 10526.3 | 250.0 | -52.0 | 99.9 | 258.5 | 34.4 | 33.7 | 6.9 | 328.8 | 999.9 | 99.9 | 99.9 | 42.8 | 73.0 |
| 41.1 | 92.2 | 11202.5 | 225.0 | -55.8 | 99.9 | 259.3 | 36.6 | 36.0 | 6.8 | 333.0 | 999.9 | 99.9 | 99.9 | 48.0 | 74.0 |
| 43.5 | 97.2 | 11947.6 | 200.0 | -59.0 | 99.9 | 257.8 | 37.6 | 36.7 | 7.0 | 339.4 | 999.9 | 99.9 | 99.9 | 53.9 | 75.0 |
| 46.7 | 103.0 | 12791.3 | 175.0 | -60.1 | 99.9 | 252.9 | 37.5 | 35.8 | 11.0 | 350.7 | 999.9 | 99.9 | 99.9 | 60.2 | 74.0 |
| 50.2 | 105.3 | 13746.2 | 150.0 | -59.3 | 99.9 | 252.9 | 31.1 | 29.9 | 8.6 | 367.9 | 999.9 | 99.9 | 99.9 | 67.0 | 74.0 |
| 54.1 | 116.3 | 14827.8 | 125.0 | -58.8 | 99.9 | 265.9 | 36.7 | 36.6 | 2.6 | 388.5 | 999.9 | 99.9 | 99.9 | 75.5 | 75.0 |
| 58.7 | 124.7 | 16302.8 | 100.0 | -55.3 | 99.9 | 249.5 | 5.9 | 5.0 | 2.1 | 420.5 | 999.9 | 99.9 | 99.9 | 82.3 | 76.0 |
| 64.6 | 135.0 | 18103.7 | 75.0 | -62.9 | 99.9 | 270.5 | 7.0 | 7.0 | -0.1 | 441.1 | 999.9 | 99.9 | 99.9 | 87.1 | 75.0 |
| 73.4 | 146.5 | 20645.7 | 50.0 | -54.5 | 99.9 | 288.7 | 6.4 | 6.0 | -2.0 | 515.2 | 999.9 | 99.9 | 99.9 | 91.3 | 75.0 |
| 86.1 | 160.0 | 25113.4 | 25.0 | -50.1 | 99.9 | 282.6 | 3.8 | 3.7 | -0.8 | 640.5 | 999.9 | 99.9 | 99.9 | 92.2 | 76.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 496
FORT TOTTEN, N Y

24 APRIL 1975
1415 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | QIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.8 | 8.0 | 1012.3 | 18.3 | 13.4 | 999.9 | 99.9 | 99.9 | 99.9 | 291.7 | 316.7 | 9.6 | 73.0 | 999.9 | 979.9 |
| 0.3 | 5.4 | 112.8 | 1000.0 | 16.6 | 12.0 | 999.9 | 99.9 | 99.9 | 99.9 | 290.9 | 314.0 | 8.9 | 74.6 | 999.9 | 970.0 |
| 1.2 | 7.6 | 327.7 | 975.0 | 14.2 | 11.5 | 999.9 | 99.9 | 99.9 | 99.9 | 290.6 | 313.4 | 8.8 | 81.9 | 999.9 | 970.0 |
| 2.1 | 5.9 | 547.1 | 950.0 | 13.6 | 10.2 | 999.9 | 99.9 | 99.9 | 99.9 | 292.1 | 313.7 | 8.3 | 75.7 | 999.9 | 970.0 |
| 2.9 | 11.8 | 772.9 | 925.0 | 14.5 | 9.4 | 999.9 | 99.9 | 99.9 | 99.9 | 295.2 | 316.6 | 8.1 | 71.5 | 999.9 | 970.0 |
| 3.7 | 14.0 | 1004.0 | 900.0 | 12.4 | 8.6 | 999.9 | 99.9 | 99.9 | 99.9 | 295.4 | 316.6 | 7.9 | 77.6 | 999.9 | 970.0 |
| 4.5 | 16.0 | 1240.1 | 875.0 | 10.9 | 7.9 | 999.9 | 99.9 | 99.9 | 99.9 | 295.4 | 316.6 | 7.7 | 81.5 | 999.9 | 970.0 |
| 5.3 | 18.3 | 1492.8 | 850.0 | 11.2 | 5.7 | 999.9 | 99.9 | 99.9 | 99.9 | 295.7 | 317.3 | 6.8 | 69.0 | 999.9 | 970.0 |
| 6.2 | 20.5 | 1731.6 | 825.0 | 9.8 | 4.2 | 999.9 | 99.9 | 99.9 | 99.9 | 299.7 | 317.0 | 6.3 | 68.1 | 999.9 | 970.0 |
| 7.1 | 22.6 | 1967.1 | 800.0 | 9.2 | 2.8 | 999.9 | 99.9 | 99.9 | 99.9 | 300.7 | 317.0 | 5.9 | 68.4 | 999.9 | 970.0 |
| 8.1 | 25.2 | 2248.8 | 775.0 | 6.3 | 1.0 | 999.9 | 99.9 | 99.9 | 99.9 | 301.2 | 316.2 | 5.3 | 65.0 | 999.9 | 970.0 |
| 9.0 | 27.4 | 2517.0 | 750.0 | 4.1 | -0.6 | 999.9 | 99.9 | 99.9 | 99.9 | 301.7 | 315.5 | 4.2 | 71.0 | 999.9 | 970.0 |
| 10.0 | 29.3 | 2791.9 | 725.0 | 2.1 | -1.4 | 999.9 | 99.9 | 99.9 | 99.9 | 302.4 | 315.9 | 4.8 | 77.6 | 999.9 | 970.0 |
| 11.0 | 32.4 | 3074.9 | 700.0 | 0.8 | -0.1 | 999.9 | 99.9 | 99.9 | 99.9 | 303.8 | 314.2 | 3.6 | 65.0 | 999.9 | 970.0 |
| 12.1 | 35.1 | 3356.7 | 675.0 | -0.2 | -13.4 | 999.9 | 99.9 | 99.9 | 99.9 | 305.7 | 311.6 | 2.0 | 35.9 | 999.9 | 970.0 |
| 13.2 | 37.4 | 3637.9 | 650.0 | -2.0 | -13.4 | 999.9 | 99.9 | 99.9 | 99.9 | 306.9 | 312.3 | 1.8 | 35.0 | 999.9 | 970.0 |
| 14.4 | 40.2 | 3978.3 | 625.0 | -4.6 | -18.3 | 999.9 | 99.9 | 99.9 | 99.9 | 307.4 | 311.7 | 1.4 | 31.6 | 999.9 | 970.0 |
| 15.5 | 42.7 | 4294.7 | 600.0 | -6.2 | -22.9 | 999.9 | 99.9 | 99.9 | 99.9 | 309.0 | 312.2 | 1.0 | 25.2 | 999.9 | 970.0 |
| 16.7 | 45.6 | 4630.3 | 575.0 | -8.4 | -24.0 | 999.9 | 99.9 | 99.9 | 99.9 | 310.3 | 313.3 | 0.9 | 26.9 | 999.9 | 970.0 |
| 17.9 | 48.4 | 4973.7 | 550.0 | -11.1 | -23.6 | 999.9 | 99.9 | 99.9 | 99.9 | 311.0 | 314.2 | 1.0 | 33.9 | 999.9 | 970.0 |
| 20.4 | 54.1 | 5329.1 | 525.0 | -13.7 | -23.6 | 999.9 | 99.9 | 99.9 | 99.9 | 312.0 | 315.5 | 1.1 | 43.0 | 999.9 | 970.0 |
| 21.7 | 57.0 | 5683.3 | 500.0 | -16.2 | -30.3 | 999.9 | 99.9 | 99.9 | 99.9 | 313.4 | 315.5 | 0.6 | 28.8 | 999.9 | 970.0 |
| 23.2 | 60.3 | 6035.5 | 475.0 | -18.6 | -23.6 | 999.9 | 99.9 | 99.9 | 99.9 | 315.1 | 319.0 | 1.2 | 65.6 | 999.9 | 970.0 |
| 24.7 | 63.6 | 6307.2 | 450.0 | -20.2 | -22.8 | 999.9 | 99.9 | 99.9 | 99.9 | 318.0 | 322.4 | 1.4 | 79.5 | 999.9 | 970.0 |
| 25.2 | 66.7 | 6549.0 | 425.0 | -22.8 | -20.8 | 999.9 | 99.9 | 99.9 | 99.9 | 319.8 | 323.4 | 1.1 | 75.1 | 999.9 | 970.0 |
| 26.8 | 70.3 | 6813.1 | 400.0 | -25.9 | -30.3 | 999.9 | 99.9 | 99.9 | 99.9 | 321.3 | 323.9 | 0.8 | 68.3 | 999.9 | 970.0 |
| 28.3 | 73.3 | 7080.9 | 375.0 | -29.7 | -34.3 | 999.9 | 99.9 | 99.9 | 99.9 | 322.3 | 324.2 | 0.6 | 64.1 | 999.9 | 970.0 |
| 31.1 | 77.8 | 8157.7 | 350.0 | -31.7 | -37.7 | 999.9 | 99.9 | 99.9 | 99.9 | 323.3 | 324.7 | 0.4 | 66.6 | 999.9 | 970.0 |
| 32.9 | 81.5 | 8415.7 | 325.0 | -37.9 | -43.2 | 999.9 | 99.9 | 99.9 | 99.9 | 324.4 | 325.4 | 0.3 | 57.1 | 999.9 | 970.0 |
| 34.9 | 85.3 | 8683.5 | 300.0 | -42.8 | -49.4 | 999.9 | 99.9 | 99.9 | 99.9 | 325.1 | 325.4 | 99.9 | 99.9 | 999.9 | 970.0 |
| 36.8 | 89.3 | 8943.5 | 275.0 | -47.4 | -50.9 | 999.9 | 99.9 | 99.9 | 99.9 | 326.6 | 325.9 | 99.9 | 99.9 | 999.9 | 970.0 |
| 38.9 | 92.2 | 9197.0 | 250.0 | -53.0 | -50.9 | 999.9 | 99.9 | 99.9 | 99.9 | 327.4 | 325.9 | 99.9 | 99.9 | 999.9 | 970.0 |
| 41.5 | 100.2 | 9474.7 | 225.0 | -58.1 | -58.1 | 999.9 | 99.9 | 99.9 | 99.9 | 329.5 | 325.9 | 99.9 | 99.9 | 999.9 | 970.0 |
| 43.9 | 105.8 | 9807.1 | 200.0 | -63.4 | -63.4 | 999.9 | 99.9 | 99.9 | 99.9 | 340.4 | 325.9 | 99.9 | 99.9 | 999.9 | 970.0 |
| 47.0 | 112.0 | 10742.3 | 175.0 | -68.1 | -68.1 | 999.9 | 99.9 | 99.9 | 99.9 | 345.4 | 325.9 | 99.9 | 99.9 | 999.9 | 970.0 |
| 50.9 | 118.9 | 11645.5 | 150.0 | -73.5 | -73.5 | 999.9 | 99.9 | 99.9 | 99.9 | 359.7 | 325.9 | 99.9 | 99.9 | 999.9 | 970.0 |
| 55.6 | 126.7 | 12595.8 | 125.0 | -78.6 | -78.6 | 999.9 | 99.9 | 99.9 | 99.9 | 364.5 | 325.9 | 99.9 | 99.9 | 999.9 | 970.0 |
| 61.5 | 135.7 | 13107.1 | 100.0 | -83.5 | -83.5 | 999.9 | 99.9 | 99.9 | 99.9 | 416.4 | 325.9 | 99.9 | 99.9 | 999.9 | 970.0 |
| 69.1 | 144.3 | 14052.4 | 75.0 | -88.5 | -88.5 | 999.9 | 99.9 | 99.9 | 99.9 | 446.0 | 325.9 | 99.9 | 99.9 | 999.9 | 970.0 |
| 80.1 | 153.3 | 15043.5 | 50.0 | -93.0 | -93.0 | 999.9 | 99.9 | 99.9 | 99.9 | 509.3 | 325.9 | 99.9 | 99.9 | 999.9 | 970.0 |
| 80.1 | 153.3 | 25043.5 | 25.0 | -97.0 | -97.0 | 999.9 | 99.9 | 99.9 | 99.9 | 633.3 | 325.9 | 99.9 | 99.9 | 999.9 | 970.0 |

ORIGINAL PAGE IS
OF POOR QUALITY

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

METEOROLOGICAL RECORD

STATION NO. 510
ALBANY, N. Y.

24 APRIL 1975

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

156 16. 1

| TIME MIN | CATCT | WEIGHT GPM | PRES MB | TEMP DEG C | LEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POF T DEG K | E POT T DEG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 5.0 | 86.0 | 1001.9 | 11.1 | 8.8 | 160.0 | 7.2 | -2.5 | 6.8 | 285.0 | 303.4 | 7.1 | 86.0 | 0.0 | 0. |
| 0.1 | 5.7 | 101.9 | 1000.0 | 10.8 | 8.2 | 164.3 | 3.5 | -0.9 | 3.4 | 284.2 | 302.5 | 6.8 | 83.7 | 0.2 | 35. |
| 0.9 | 7.9 | 212.1 | 975.0 | 8.2 | 7.3 | 260.3 | 2.4 | 2.3 | 0.4 | 284.3 | 301.3 | 6.6 | 94.1 | 0.6 | 34. |
| 1.6 | 10.1 | 527.6 | 950.0 | 9.7 | 8.7 | 212.9 | 8.3 | 4.5 | 7.0 | 288.0 | 307.4 | 7.5 | 93.5 | 0.9 | 35. |
| 2.4 | 12.1 | 749.8 | 925.0 | 9.6 | 8.5 | 245.3 | 10.6 | 9.6 | 4.4 | 290.1 | 309.9 | 7.6 | 92.6 | 1.2 | 15. |
| 3.2 | 14.4 | 977.3 | 900.0 | 8.4 | 7.4 | 257.9 | 14.1 | 13.7 | 2.9 | 291.1 | 310.1 | 7.2 | 93.5 | 1.6 | 34. |
| 4.1 | 16.5 | 1211.0 | 875.0 | 9.3 | 8.3 | 263.4 | 14.1 | 14.1 | 1.6 | 294.5 | 315.4 | 7.9 | 93.2 | 2.2 | 40. |
| 5.0 | 18.6 | 1451.8 | 850.0 | 9.0 | 7.6 | 264.8 | 12.8 | 12.7 | 1.2 | 298.6 | 317.4 | 7.7 | 90.9 | 2.2 | 58. |
| 5.9 | 21.1 | 1699.1 | 825.0 | 7.6 | 5.7 | 261.9 | 14.1 | 14.0 | 2.0 | 297.5 | 316.5 | 7.0 | 87.6 | 3.4 | 63. |
| 6.7 | 23.5 | 1952.4 | 800.0 | 5.9 | 3.1 | 259.5 | 14.1 | 13.9 | 2.6 | 298.2 | 314.7 | 6.0 | 82.3 | 4.2 | 64. |
| 7.7 | 25.9 | 2212.4 | 775.0 | 5.0 | 1.0 | 267.0 | 13.3 | 13.2 | 0.7 | 299.9 | 314.7 | 5.3 | 75.4 | 4.7 | 67. |
| 8.7 | 28.3 | 2470.4 | 750.0 | 3.2 | -1.9 | 276.0 | 19.3 | 19.2 | -2.0 | 300.6 | 313.2 | 4.5 | 69.2 | 5.4 | 74. |
| 9.8 | 30.8 | 2753.4 | 725.0 | 1.1 | -3.3 | 273.6 | 16.8 | 16.8 | -1.1 | 301.2 | 312.9 | 4.1 | 72.6 | 6.0 | 76. |
| 11.0 | 33.4 | 3035.2 | 700.0 | 0.3 | -9.6 | 263.4 | 16.3 | 16.2 | 1.9 | 303.2 | 311.1 | 2.7 | 48.5 | 8.0 | 78. |
| 12.1 | 35.9 | 3320.7 | 675.0 | -0.8 | -15.8 | 255.0 | 17.3 | 17.3 | 4.5 | 304.9 | 310.0 | 1.6 | 30.9 | 9.0 | 78. |
| 13.2 | 38.6 | 3620.7 | 650.0 | -3.3 | -15.3 | 254.8 | 18.2 | 17.5 | 4.9 | 305.5 | 310.5 | 1.6 | 35.7 | 10.3 | 78. |
| 14.4 | 41.1 | 3935.5 | 625.0 | -5.8 | -16.9 | 263.1 | 17.2 | 17.1 | 2.1 | 306.0 | 311.0 | 1.6 | 41.1 | 11.6 | 78. |
| 15.6 | 44.0 | 4253.9 | 600.0 | -8.4 | -22.3 | 259.5 | 18.0 | 18.0 | 0.2 | 306.5 | 309.8 | 1.1 | 31.3 | 12.9 | 79. |
| 16.8 | 46.9 | 4582.7 | 575.0 | -10.9 | -23.8 | 268.7 | 19.7 | 19.7 | 0.5 | 307.3 | 310.3 | 1.0 | 33.2 | 14.1 | 80. |
| 17.9 | 49.9 | 4922.5 | 550.0 | -13.0 | -28.0 | 267.3 | 20.3 | 20.3 | 0.9 | 308.8 | 311.0 | 0.7 | 26.9 | 15.4 | 80. |
| 19.2 | 52.7 | 5278.0 | 525.0 | -15.3 | -23.5 | 264.6 | 20.7 | 20.6 | 1.9 | 310.1 | 313.7 | 1.1 | 51.2 | 17.0 | 81. |
| 20.3 | 55.7 | 5642.7 | 500.0 | -18.3 | -20.9 | 260.8 | 22.9 | 22.6 | 3.7 | 310.8 | 315.4 | 1.4 | 80.2 | 18.5 | 81. |
| 21.6 | 58.9 | 6023.6 | 475.0 | -21.0 | -22.9 | 258.7 | 26.8 | 26.3 | 5.3 | 312.1 | 316.1 | 1.3 | 84.3 | 20.4 | 81. |
| 23.2 | 62.1 | 6422.2 | 450.0 | -22.5 | -25.4 | 260.2 | 32.9 | 32.4 | 5.6 | 315.1 | 318.6 | 1.1 | 77.2 | 23.1 | 81. |
| 24.6 | 65.3 | 6840.4 | 425.0 | -25.1 | -26.7 | 262.7 | 32.6 | 32.3 | 4.1 | 316.8 | 319.6 | 0.8 | 71.9 | 25.9 | 81. |
| 26.0 | 68.7 | 7278.4 | 400.0 | -27.9 | -31.5 | 263.7 | 35.8 | 35.6 | 3.9 | 316.7 | 321.0 | 0.7 | 71.2 | 28.7 | 81. |
| 27.5 | 72.1 | 7738.8 | 375.0 | -31.5 | -35.3 | 265.3 | 38.2 | 38.1 | 3.2 | 319.9 | 321.6 | 0.5 | 68.4 | 32.2 | 81. |
| 29.2 | 75.9 | 8223.4 | 350.0 | -35.4 | -41.7 | 266.4 | 41.2 | 41.2 | -0.0 | 320.9 | 321.9 | 0.3 | 52.1 | 36.3 | 82. |
| 31.1 | 80.3 | 8738.3 | 325.0 | -39.9 | -53.3 | 270.0 | 43.9 | 43.9 | -0.0 | 321.6 | 321.9 | 0.1 | 22.0 | 40.7 | 81. |
| 32.7 | 83.8 | 9277.2 | 300.0 | -43.6 | 99.9 | 279.8 | 41.5 | 40.9 | -7.1 | 323.9 | 999.9 | 99.9 | 999.9 | 45.0 | 84. |
| 34.6 | 88.3 | 9858.5 | 275.0 | -46.4 | 99.9 | 288.4 | 55.9 | 53.1 | -17.7 | 326.0 | 999.9 | 99.9 | 999.9 | 50.3 | 86. |
| 37.7 | 92.9 | 10485.1 | 250.0 | -51.4 | 99.9 | 290.1 | 61.9 | 58.1 | -21.3 | 326.7 | 999.9 | 99.9 | 999.9 | 58.9 | 90. |
| 39.5 | 97.4 | 11160.9 | 225.0 | -57.2 | 99.9 | 296.7 | 58.9 | 55.1 | -20.8 | 330.9 | 999.9 | 99.9 | 999.9 | 66.9 | 92. |
| 41.7 | 102.3 | 11894.6 | 200.0 | -63.4 | 99.9 | 296.5 | 58.9 | 52.5 | -20.1 | 332.4 | 999.9 | 99.9 | 999.9 | 74.0 | 94. |
| 44.0 | 108.3 | 12712.9 | 175.0 | -60.0 | 99.9 | 289.7 | 35.7 | 33.6 | -12.1 | 351.0 | 999.9 | 99.9 | 999.9 | 80.4 | 94. |
| 47.4 | 114.5 | 13672.3 | 150.0 | -61.1 | 99.9 | 278.6 | 36.8 | 36.4 | -3.5 | 364.8 | 999.9 | 99.9 | 999.9 | 87.1 | 96. |
| 51.2 | 121.5 | 14825.0 | 125.0 | -56.6 | 99.9 | 290.5 | 29.2 | 27.4 | -10.2 | 392.4 | 999.9 | 99.9 | 999.9 | 94.5 | 97. |
| 55.6 | 129.3 | 16244.8 | 100.0 | -55.7 | 99.9 | 300.3 | 20.9 | 18.0 | -10.5 | 420.2 | 999.9 | 99.9 | 999.9 | 99.6 | 98. |
| 61.2 | 138.0 | 18074.9 | 75.0 | -58.8 | 99.9 | 301.2 | 3.0 | 2.6 | -1.5 | 449.6 | 999.9 | 99.9 | 999.9 | 104.1 | 99. |
| 68.6 | 147.0 | 20636.9 | 50.0 | -56.2 | 99.9 | 69.3 | 8.7 | -8.2 | -3.1 | 511.2 | 999.9 | 99.9 | 999.9 | 106.6 | 99. |
| 79.2 | 156.7 | 25110.3 | 25.0 | -51.7 | 99.9 | 344.9 | 2.4 | 0.6 | -2.4 | 636.4 | 999.9 | 99.9 | 999.9 | 106.4 | 100. |

ORIGINAL PAGE IS
OF POOR QUALITY

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520
PITTSBURG, PA

20 APRIL 1975
1615 GMT

| TIME MIN | CATCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MR RTO GM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 8.2 | 359.0 | 968.5 | 15.5 | 14.5 | 250.0 | 5.1 | 4.8 | 1.7 | 292.7 | 320.9 | 10.8 | 94.0 | 0.0 | 0. |
| 00.2 | 90.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.6 | 90.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 9.8 | 523.4 | 950.0 | 15.0 | 15.4 | 999.9 | 99.9 | 99.9 | 99.9 | 298.7 | 325.3 | 11.7 | 98.0 | 99.9 | 99.9 |
| 1.5 | 11.6 | 749.7 | 925.0 | 13.6 | 13.6 | 999.9 | 99.9 | 99.9 | 99.9 | 298.6 | 322.6 | 10.7 | 101.3 | 99.9 | 99.9 |
| 2.4 | 13.8 | 980.7 | 900.0 | 12.4 | 12.4 | 999.9 | 99.9 | 99.9 | 99.9 | 298.6 | 322.6 | 10.1 | 101.2 | 99.9 | 99.9 |
| 3.3 | 15.9 | 1217.6 | 875.0 | 12.1 | 12.1 | 999.9 | 99.9 | 99.9 | 99.9 | 297.7 | 324.8 | 10.2 | 101.1 | 99.9 | 99.9 |
| 4.1 | 17.9 | 1460.4 | 850.0 | 10.2 | 10.2 | 261.9 | 20.0 | 18.8 | 3.5 | 298.1 | 322.9 | 9.3 | 101.1 | 4.1 | 70. |
| 4.9 | 20.2 | 1708.8 | 825.0 | 8.4 | 8.0 | 259.4 | 19.2 | 18.9 | 3.7 | 298.6 | 320.8 | 8.2 | 97.3 | 5.0 | 71. |
| 5.7 | 22.4 | 1923.5 | 800.0 | 7.2 | 6.8 | 258.8 | 19.1 | 18.7 | 3.7 | 299.9 | 321.1 | 7.8 | 96.9 | 5.9 | 73. |
| 6.5 | 24.7 | 2224.7 | 775.0 | 5.8 | 4.6 | 254.5 | 17.4 | 16.8 | 4.7 | 301.0 | 320.0 | 6.9 | 91.6 | 5.8 | 73. |
| 7.5 | 26.9 | 2493.1 | 750.0 | 4.6 | 2.5 | 256.0 | 16.5 | 16.9 | 4.7 | 302.4 | 319.6 | 6.2 | 86.2 | 7.8 | 74. |
| 8.5 | 29.4 | 2769.1 | 725.0 | 2.7 | 0.7 | 258.4 | 21.4 | 20.9 | 4.3 | 303.1 | 318.9 | 5.6 | 87.0 | 9.2 | 74. |
| 9.6 | 31.8 | 3052.6 | 700.0 | 1.2 | -1.0 | 261.2 | 21.8 | 21.5 | 3.3 | 304.5 | 319.0 | 5.1 | 84.9 | 10.6 | 75. |
| 10.7 | 34.3 | 3344.8 | 675.0 | -0.5 | -3.1 | 264.1 | 21.9 | 21.8 | 2.3 | 305.7 | 318.7 | 4.5 | 82.4 | 12.0 | 76. |
| 11.9 | 36.7 | 3640.0 | 650.0 | -2.7 | -3.8 | 266.4 | 22.6 | 22.8 | 1.3 | 305.4 | 319.3 | 4.5 | 82.4 | 13.5 | 77. |
| 12.8 | 39.3 | 3950.0 | 625.0 | -3.7 | -5.5 | 268.5 | 23.7 | 23.7 | 0.6 | 308.6 | 317.6 | 3.0 | 74.5 | 14.9 | 78. |
| 13.6 | 41.3 | 4278.4 | 600.0 | -5.4 | -9.2 | 270.4 | 23.1 | 23.1 | -0.2 | 310.3 | 319.9 | 3.2 | 74.5 | 16.1 | 79. |
| 14.4 | 43.7 | 4611.6 | 575.0 | -7.1 | -17.8 | 272.4 | 22.7 | 22.7 | -1.0 | 311.8 | 317.0 | 1.7 | 42.4 | 17.5 | 80. |
| 16.1 | 47.6 | 4957.5 | 550.0 | -8.3 | -37.6 | 275.1 | 23.9 | 23.8 | -2.1 | 315.2 | 315.1 | 0.3 | 7.2 | 19.2 | 81. |
| 17.5 | 50.5 | 5317.5 | 525.0 | -9.8 | -38.5 | 271.8 | 23.7 | 23.7 | -0.6 | 316.7 | 317.6 | 0.3 | 7.4 | 21.2 | 82. |
| 18.4 | 53.4 | 5692.4 | 500.0 | -11.9 | -36.3 | 271.5 | 24.5 | 24.4 | -0.7 | 318.5 | 319.6 | 0.4 | 12.2 | 23.2 | 83. |
| 20.1 | 56.3 | 6087.3 | 475.0 | -14.3 | -28.0 | 273.8 | 22.4 | 22.4 | -1.5 | 320.4 | 323.1 | 0.8 | 29.9 | 24.9 | 84. |
| 21.5 | 58.6 | 6490.5 | 450.0 | -17.9 | -27.8 | 263.7 | 21.5 | 21.5 | 2.4 | 320.8 | 323.7 | 0.9 | 42.1 | 26.7 | 85. |
| 23.0 | 63.0 | 6915.1 | 425.0 | -21.3 | -27.2 | 260.1 | 23.7 | 23.1 | 4.1 | 321.7 | 324.9 | 1.0 | 58.7 | 28.8 | 86. |
| 24.5 | 64.3 | 7359.8 | 400.0 | -24.8 | -30.3 | 269.2 | 24.5 | 24.5 | 0.3 | 322.8 | 325.4 | 0.8 | 60.1 | 31.0 | 87. |
| 25.9 | 66.9 | 7826.2 | 375.0 | -28.3 | -33.9 | 277.2 | 24.3 | 24.0 | -3.1 | 325.1 | 326.3 | 0.4 | 53.3 | 35.7 | 88. |
| 27.7 | 73.5 | 8316.9 | 350.0 | -32.5 | -38.7 | 279.9 | 24.3 | 24.0 | -4.2 | 326.9 | 326.3 | 0.4 | 58.5 | 37.2 | 89. |
| 29.6 | 78.5 | 8835.2 | 325.0 | -36.2 | -43.7 | 279.3 | 31.6 | 31.4 | -5.2 | 328.7 | 327.6 | 0.2 | 45.6 | 38.6 | 90. |
| 31.6 | 81.5 | 9386.0 | 300.0 | -40.2 | -49.6 | 282.9 | 35.8 | 34.9 | -8.0 | 328.6 | 329.9 | 99.9 | 99.9 | 42.7 | 91. |
| 33.6 | 85.3 | 9973.3 | 275.0 | -45.1 | -59.9 | 274.8 | 43.9 | 43.9 | -3.7 | 329.9 | 329.9 | 99.9 | 99.9 | 47.6 | 92. |
| 35.0 | 90.6 | 10601.8 | 250.0 | -51.2 | -69.9 | 271.3 | 48.0 | 48.0 | -1.1 | 330.6 | 329.9 | 99.9 | 99.9 | 52.4 | 93. |
| 37.4 | 95.3 | 11277.0 | 225.0 | -57.4 | -79.9 | 272.3 | 46.3 | 46.5 | -1.8 | 330.6 | 329.9 | 99.9 | 99.9 | 58.4 | 94. |
| 40.4 | 100.4 | 12009.6 | 200.0 | -64.0 | -90.9 | 274.5 | 40.3 | 40.3 | -3.9 | 331.4 | 329.9 | 99.9 | 99.9 | 66.5 | 95. |
| 42.7 | 106.8 | 12626.0 | 175.0 | -68.4 | -98.9 | 293.8 | 26.4 | 26.4 | -9.6 | 333.7 | 329.9 | 99.9 | 99.9 | 71.9 | 96. |
| 45.9 | 113.3 | 13778.5 | 150.0 | -59.0 | -99.9 | 280.2 | 23.7 | 23.3 | -6.2 | 337.2 | 329.9 | 99.9 | 99.9 | 76.5 | 97. |
| 49.5 | 120.7 | 14928.1 | 125.0 | -59.0 | -99.9 | 263.7 | 24.7 | 24.5 | -3.2 | 328.2 | 329.9 | 99.9 | 99.9 | 82.0 | 98. |
| 54.4 | 129.0 | 16345.2 | 100.0 | -55.0 | -99.9 | 283.2 | 15.0 | 14.6 | -3.4 | 421.5 | 329.9 | 99.9 | 99.9 | 86.9 | 99. |
| 60.0 | 138.3 | 18148.6 | 75.0 | -62.7 | -99.9 | 300.8 | 15.3 | 14.3 | -7.9 | 441.5 | 329.9 | 99.9 | 99.9 | 93.5 | 99. |
| 67.2 | 146.3 | 20866.8 | 50.0 | -56.4 | -99.9 | 337.2 | 5.1 | 2.0 | -4.7 | 510.8 | 329.9 | 99.9 | 99.9 | 96.5 | 99. |
| 78.4 | 159.3 | 25114.7 | 25.0 | -50.4 | -59.9 | 270.4 | 4.4 | 4.4 | -0.0 | 648.1 | 329.9 | 99.9 | 99.9 | 95.5 | 99. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 526
BUFFALO, N. Y.24 APRIL 1975
1237 GMT

| TIME MIN | CATCT | WEIGHT GFM | PRES MB | TEMP DG C | CEW PT DG C | DIP DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE NM | 195 26.0 | 0 |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-------------|------|
| 0.0 | 5.5 | 219.0 | 983.1 | 11.7 | 11.7 | 230.0 | 5.1 | 3.9 | 3.3 | 227.4 | 310.0 | 0.0 | 100.0 | 0.0 | 0.0 | 0. |
| 00.0 | 95.9 | 95.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 0.2 | 297.4 | 975.0 | 12.5 | 11.3 | 247.6 | 10.3 | 13.2 | 5.9 | 288.8 | 311.3 | 0.7 | 92.9 | 0.3 | 66. | 66. |
| 1.1 | 6.2 | 505.0 | 950.0 | 12.3 | 12.0 | 240.2 | 14.4 | 13.2 | 5.8 | 290.9 | 315.1 | 9.3 | 97.7 | 0.7 | 67. | 67. |
| 1.4 | 10.2 | 730.1 | 925.0 | 11.5 | 11.1 | 247.1 | 14.7 | 13.6 | 5.7 | 292.3 | 315.9 | 9.1 | 97.6 | 1.4 | 66. | 66. |
| 2.7 | 12.0 | 955.4 | 900.0 | 10.6 | 10.3 | 250.0 | 14.9 | 14.0 | 5.1 | 293.6 | 316.7 | 8.8 | 97.8 | 2.2 | 67. | 67. |
| 3.6 | 14.1 | 1194.4 | 875.0 | 9.6 | 9.1 | 257.8 | 15.0 | 14.7 | 3.2 | 294.9 | 317.1 | 8.4 | 96.8 | 3.0 | 65. | 65. |
| 4.5 | 15.3 | 1434.9 | 850.0 | 7.6 | 6.4 | 267.6 | 14.3 | 14.3 | 0.7 | 295.1 | 314.7 | 7.3 | 94.3 | 3.8 | 72. | 72. |
| 5.4 | 16.1 | 1400.8 | 825.0 | 6.4 | 5.6 | 265.5 | 15.4 | 15.4 | 1.2 | 296.2 | 315.0 | 7.0 | 95.0 | 4.7 | 75. | 75. |
| 6.3 | 20.3 | 1933.0 | 800.0 | 4.5 | 3.4 | 263.2 | 13.8 | 13.7 | 1.6 | 296.8 | 313.5 | 6.1 | 92.4 | 5.5 | 76. | 76. |
| 7.2 | 22.3 | 2191.4 | 775.0 | 2.8 | 1.3 | 263.9 | 11.7 | 11.6 | 1.2 | 297.5 | 312.6 | 5.5 | 90.2 | 5.1 | 77. | 77. |
| 8.2 | 24.6 | 2454.4 | 750.0 | 1.0 | -0.3 | 263.5 | 11.0 | 11.0 | 0.1 | 298.3 | 312.2 | 5.0 | 91.0 | 6.4 | 78. | 78. |
| 9.4 | 26.8 | 2724.9 | 725.0 | 0.2 | -0.7 | 274.0 | 11.2 | 11.2 | -0.8 | 300.3 | 314.4 | 5.0 | 94.1 | 7.5 | 79. | 79. |
| 10.6 | 29.2 | 3010.4 | 700.0 | -0.6 | -1.3 | 275.4 | 10.8 | 10.7 | -1.0 | 302.5 | 316.5 | 5.0 | 94.7 | 8.2 | 81. | 81. |
| 11.5 | 31.6 | 3300.6 | 675.0 | -2.4 | -3.2 | 278.8 | 11.4 | 11.3 | -0.9 | 303.6 | 316.2 | 4.5 | 94.2 | 9.0 | 82. | 82. |
| 12.9 | 34.2 | 3559.8 | 650.0 | -3.8 | -4.7 | 280.6 | 12.0 | 12.0 | 0.3 | 305.2 | 317.2 | 4.2 | 93.4 | 9.8 | 83. | 83. |
| 14.0 | 36.5 | 3909.4 | 625.0 | -4.9 | -5.8 | 283.9 | 12.3 | 12.3 | 0.9 | 307.3 | 318.9 | 4.0 | 93.3 | 10.7 | 83. | 83. |
| 15.2 | 39.1 | 4230.1 | 600.0 | -6.0 | -6.9 | 285.0 | 11.4 | 11.3 | 0.8 | 309.6 | 320.9 | 3.8 | 93.6 | 11.5 | 83. | 83. |
| 16.5 | 41.7 | 4561.6 | 575.0 | -9.9 | -15.6 | 273.3 | 12.5 | 12.5 | -0.7 | 308.6 | 315.0 | 2.1 | 85.2 | 12.4 | 84. | 84. |
| 17.4 | 44.5 | 4903.1 | 550.0 | -11.9 | -18.1 | 269.2 | 13.3 | 13.3 | 0.2 | 310.2 | 315.4 | 1.7 | 60.6 | 13.5 | 85. | 85. |
| 18.0 | 47.4 | 5258.4 | 525.0 | -13.6 | -19.6 | 265.5 | 18.9 | 18.9 | 1.5 | 312.3 | 317.5 | 1.7 | 65.9 | 14.7 | 85. | 85. |
| 20.4 | 50.3 | 5527.8 | 500.0 | -16.4 | -22.2 | 269.8 | 20.1 | 20.1 | 0.1 | 313.2 | 317.3 | 1.3 | 60.2 | 15.3 | 85. | 85. |
| 21.4 | 52.2 | 6010.7 | 475.0 | -20.2 | -36.2 | 269.7 | 22.1 | 22.1 | 0.1 | 313.8 | 315.0 | 0.6 | 36.2 | 16.0 | 86. | 86. |
| 23.1 | 56.1 | 6408.1 | 450.0 | -23.5 | -60.9 | 265.2 | 20.4 | 20.3 | 1.7 | 313.6 | 313.7 | 0.0 | 1.0 | 19.2 | 86. | 86. |
| 24.4 | 58.4 | 6824.6 | 425.0 | -25.2 | -60.9 | 273.0 | 23.3 | 23.3 | -1.2 | 316.6 | 316.7 | 0.0 | 2.0 | 21.5 | 86. | 86. |
| 25.4 | 62.9 | 7262.9 | 400.0 | -27.5 | -62.5 | 270.0 | 25.5 | 25.3 | -3.6 | 319.1 | 319.2 | 0.0 | 2.0 | 23.6 | 87. | 87. |
| 27.4 | 65.3 | 7723.9 | 375.0 | -31.1 | -58.5 | 280.6 | 26.4 | 26.0 | -4.9 | 320.3 | 320.5 | 0.0 | 4.8 | 26.0 | 88. | 88. |
| 29.1 | 70.0 | 8209.7 | 350.0 | -34.4 | -57.4 | 286.7 | 33.5 | 31.6 | -11.3 | 322.3 | 322.5 | 0.0 | 7.5 | 29.6 | 90. | 90. |
| 30.4 | 73.7 | 8725.2 | 325.0 | -37.6 | -53.5 | 290.5 | 38.1 | 35.7 | -13.3 | 324.7 | 325.0 | 0.1 | 13.4 | 31.9 | 92. | 92. |
| 32.4 | 77.7 | 9272.2 | 300.0 | -41.9 | 99.9 | 282.0 | 42.2 | 41.3 | -6.4 | 326.3 | 999.9 | 99.9 | 99.9 | 35.7 | 94. | 94. |
| 34.1 | 81.8 | 9854.9 | 275.0 | -46.7 | 99.9 | 276.8 | 48.1 | 47.8 | -5.7 | 327.0 | 999.9 | 99.9 | 99.9 | 40.7 | 94. | 94. |
| 35.9 | 86.3 | 10479.0 | 250.0 | -52.3 | 99.9 | 276.0 | 48.5 | 48.3 | -5.1 | 328.3 | 999.9 | 99.9 | 99.9 | 45.8 | 94. | 94. |
| 37.7 | 91.2 | 11152.1 | 225.0 | -57.5 | 99.9 | 276.5 | 54.5 | 54.1 | -6.1 | 330.3 | 999.9 | 99.9 | 99.9 | 51.5 | 95. | 95. |
| 39.4 | 96.4 | 11895.8 | 200.0 | -62.4 | 99.9 | 280.5 | 52.1 | 50.1 | -12.9 | 334.0 | 999.9 | 99.9 | 99.9 | 58.0 | 95. | 95. |
| 41.9 | 102.3 | 12701.0 | 175.0 | -62.7 | 99.9 | 283.9 | 41.3 | 40.1 | -9.9 | 346.5 | 999.9 | 99.9 | 99.9 | 64.3 | 94. | 94. |
| 44.5 | 108.7 | 13662.5 | 150.0 | -59.1 | 99.9 | 285.3 | 23.3 | 23.2 | 1.9 | 368.3 | 999.9 | 99.9 | 99.9 | 68.3 | 96. | 96. |
| 47.3 | 115.9 | 14804.2 | 125.0 | -59.4 | 99.9 | 274.4 | 33.7 | 33.6 | -2.6 | 367.4 | 999.9 | 99.9 | 99.9 | 73.3 | 96. | 96. |
| 51.4 | 125.7 | 16240.4 | 100.0 | -53.2 | 99.9 | 298.2 | 31.9 | 28.1 | -15.1 | 424.9 | 999.9 | 99.9 | 99.9 | 79.7 | 97. | 97. |
| 55.4 | 135.7 | 18046.0 | 75.0 | -58.8 | 99.9 | 291.8 | 17.4 | 16.2 | -6.5 | 449.7 | 999.9 | 99.9 | 99.9 | 85.0 | 98. | 98. |
| 59.4 | 148.0 | 20527.0 | 50.0 | -55.1 | 99.9 | 47.6 | 8.7 | -8.0 | -3.3 | 513.7 | 999.9 | 99.9 | 99.9 | 92.5 | 98. | 98. |
| 00.9 | 59.9 | 99.9 | 25.0 | 59.9 | 59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 513.7 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

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OF POOR QUALITY

0 PT SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 PT TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILL26 APRIL 1975
1420 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U CORP M/SEC | V CORP M/SEC | POT Y DG K | E POT Y DG K | WIND CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|---------------|-----------------|---------------|-----------|-------------|-----------|
| 0.0 | 5.6 | 200.0 | 985.3 | 15.6 | 14.0 | 280.0 | 4.1 | 4.0 | -0.7 | 291.3 | 317.8 | 10.2 | 98.0 | 0.0 | 0 |
| 0.9 | 9.9 | 99.9 | 1000.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 6.5 | 297.0 | 675.0 | 14.9 | 13.0 | 296.1 | 6.3 | 5.6 | -2.0 | 291.5 | 318.1 | 10.3 | 92.0 | 0.3 | 93 |
| 1.0 | 8.6 | 512.5 | 950.0 | 13.1 | 12.6 | 287.0 | 7.9 | 7.6 | -2.3 | 291.7 | 316.9 | 9.7 | 96.8 | 0.4 | 94 |
| 1.0 | 10.6 | 737.9 | 925.0 | 12.0 | 11.4 | 280.5 | 11.4 | 11.2 | -2.1 | 292.8 | 318.9 | 9.2 | 96.6 | 1.0 | 106 |
| 2.6 | 12.6 | 567.7 | 900.0 | 11.3 | 10.8 | 277.6 | 10.9 | 10.8 | -1.5 | 292.4 | 318.4 | 9.1 | 96.5 | 1.5 | 107 |
| 3.4 | 14.9 | 1203.4 | 875.0 | 10.7 | 10.0 | 278.2 | 9.0 | 8.9 | -1.3 | 295.0 | 319.6 | 8.8 | 95.3 | 2.0 | 94 |
| 4.1 | 16.6 | 1445.5 | 850.0 | 10.1 | 9.5 | 287.6 | 7.1 | 6.8 | -2.2 | 297.9 | 321.6 | 8.0 | 96.4 | 2.4 | 94 |
| 5.0 | 19.2 | 1893.7 | 825.0 | 8.5 | 7.9 | 295.0 | 6.9 | 6.2 | -3.0 | 298.6 | 320.6 | 8.1 | 96.1 | 2.7 | 174 |
| 5.9 | 21.3 | 1948.1 | 800.0 | 6.9 | 6.3 | 313.6 | 7.5 | 5.4 | -5.2 | 298.5 | 319.9 | 7.5 | 95.9 | 3.1 | 104 |
| 6.9 | 23.6 | 2206.7 | 775.0 | 5.1 | 1.3 | 324.2 | 7.4 | 4.3 | -6.0 | 300.0 | 315.2 | 5.4 | 76.3 | 3.5 | 104 |
| 7.9 | 25.9 | 2476.6 | 750.3 | 4.9 | -1.7 | 333.1 | 6.4 | 2.9 | -5.7 | 302.4 | 315.3 | 4.5 | 62.3 | 3.7 | 112 |
| 8.7 | 28.4 | 2752.8 | 725.0 | 3.5 | -0.7 | 318.9 | 4.5 | 2.9 | -3.4 | 303.6 | 311.1 | 2.6 | 37.0 | 4.0 | 116 |
| 9.7 | 30.9 | 3036.3 | 700.0 | 1.6 | -14.1 | 295.9 | 2.9 | 2.5 | -1.2 | 305.5 | 308.5 | 1.3 | 21.4 | 4.2 | 116 |
| 10.7 | 32.6 | 3328.2 | 675.0 | -0.5 | -21.4 | 313.6 | 2.3 | 1.7 | -1.6 | 305.2 | 308.4 | 1.0 | 18.0 | 4.3 | 116 |
| 11.7 | 35.0 | 3628.6 | 650.0 | -2.5 | -22.0 | 276.4 | 1.7 | 1.6 | -0.2 | 306.2 | 309.4 | 1.0 | 20.6 | 4.4 | 116 |
| 12.8 | 37.6 | 3938.4 | 625.0 | -4.8 | -19.2 | 253.9 | 1.6 | 1.6 | 0.5 | 307.1 | 311.3 | 1.3 | 31.3 | 4.5 | 116 |
| 14.0 | 41.2 | 4258.2 | 600.0 | -7.1 | -29.5 | 351.0 | 1.1 | 0.2 | -1.1 | 308.0 | 309.8 | 0.5 | 14.7 | 4.6 | 116 |
| 15.2 | 43.0 | 4568.3 | 575.0 | -9.6 | -32.4 | 48.6 | 1.1 | -0.9 | -0.8 | 308.2 | 310.3 | 0.4 | 13.4 | 4.6 | 116 |
| 16.3 | 47.0 | 4930.3 | 550.0 | -11.4 | -38.2 | 283.3 | 0.8 | 0.0 | -0.2 | 310.5 | 311.4 | 0.3 | 8.7 | 4.6 | 116 |
| 17.4 | 50.0 | 5285.7 | 525.0 | -13.7 | -20.9 | 258.3 | 4.5 | 4.4 | 0.9 | 312.1 | 316.5 | 1.4 | 54.5 | 4.7 | 116 |
| 18.6 | 52.8 | 5615.5 | 500.0 | -15.8 | -18.6 | 261.6 | 9.0 | 8.9 | 1.3 | 315.0 | 319.5 | 1.8 | 78.7 | 5.1 | 112 |
| 19.9 | 55.9 | 6041.6 | 475.0 | -17.1 | -20.5 | 276.6 | 17.3 | 17.2 | -2.0 | 317.0 | 322.0 | 1.6 | 74.8 | 6.1 | 116 |
| 21.1 | 59.1 | 6445.2 | 450.0 | -20.0 | -25.1 | 281.6 | 20.4 | 20.2 | -4.1 | 318.2 | 321.7 | 1.1 | 62.5 | 7.7 | 107 |
| 22.9 | 62.7 | 6866.7 | 425.0 | -23.2 | -29.1 | 275.0 | 19.7 | 19.6 | -1.7 | 319.4 | 322.1 | 0.8 | 58.1 | 8.5 | 106 |
| 24.4 | 66.1 | 7306.4 | 400.0 | -25.9 | -33.4 | 263.7 | 24.9 | 24.9 | 2.7 | 321.4 | 323.4 | 0.6 | 48.9 | 11.6 | 107 |
| 25.0 | 69.9 | 7772.8 | 375.0 | -29.0 | -36.6 | 254.4 | 29.0 | 27.9 | 7.6 | 323.2 | 324.7 | 0.4 | 47.7 | 14.1 | 94 |
| 27.7 | 73.7 | 8243.0 | 350.0 | -32.6 | -39.4 | 245.4 | 29.0 | 26.4 | 11.9 | 325.6 | 326.0 | 0.4 | 50.2 | 17.5 | 93 |
| 29.1 | 77.8 | 8783.1 | 325.0 | -37.3 | -43.4 | 245.5 | 31.1 | 28.3 | 12.7 | 328.2 | 328.1 | 0.2 | 52.9 | 19.3 | 94 |
| 31.2 | 82.0 | 9327.1 | 300.0 | -42.2 | -49.9 | 240.1 | 34.0 | 29.5 | 10.9 | 325.9 | 329.9 | 99.9 | 99.9 | 22.5 | 94 |
| 33.2 | 86.4 | 9900.1 | 275.0 | -47.4 | -55.9 | 242.1 | 37.2 | 32.9 | 17.4 | 328.6 | 329.9 | 99.9 | 99.9 | 26.4 | 94 |
| 35.5 | 91.4 | 10532.5 | 250.0 | -52.7 | -59.9 | 243.1 | 37.8 | 33.7 | 17.1 | 327.7 | 329.9 | 99.9 | 99.9 | 31.3 | 94 |
| 37.6 | 96.9 | 11203.2 | 225.0 | -58.8 | -66.6 | 245.4 | 46.2 | 42.0 | 19.2 | 328.4 | 329.9 | 99.9 | 99.9 | 36.7 | 94 |
| 40.2 | 102.0 | 11946.7 | 200.0 | -61.9 | -69.9 | 252.8 | 40.9 | 39.0 | 12.1 | 330.7 | 329.9 | 99.9 | 99.9 | 43.7 | 94 |
| 42.8 | 108.3 | 12761.5 | 175.0 | -63.1 | -69.9 | 253.6 | 26.4 | 25.6 | 6.6 | 345.0 | 329.9 | 99.9 | 99.9 | 48.4 | 94 |
| 46.2 | 115.5 | 13717.7 | 150.0 | -60.3 | -69.9 | 268.3 | 28.2 | 28.1 | 1.8 | 368.2 | 329.9 | 99.9 | 99.9 | 55.2 | 94 |
| 50.2 | 125.5 | 14663.8 | 125.0 | -57.1 | -69.9 | 257.3 | 21.9 | 21.4 | 4.8 | 391.7 | 329.9 | 99.9 | 99.9 | 61.5 | 94 |
| 55.3 | 131.0 | 16273.7 | 100.0 | -57.3 | -69.9 | 265.1 | 15.6 | 15.6 | 1.3 | 417.0 | 329.9 | 99.9 | 99.9 | 67.9 | 94 |
| 61.2 | 136.7 | 19067.7 | 75.0 | -61.5 | -69.9 | 267.2 | 12.9 | 12.9 | 0.6 | 448.0 | 329.9 | 99.9 | 99.9 | 72.6 | 94 |
| 69.3 | 145.0 | 20593.4 | 50.0 | -58.0 | -69.9 | 264.0 | 1.3 | 1.2 | 0.1 | 508.9 | 329.9 | 99.9 | 99.9 | 74.7 | 94 |
| 81.5 | 198.3 | 25035.2 | 25.0 | -51.9 | -69.9 | 300.3 | 4.0 | 3.5 | -2.0 | 635.7 | 329.9 | 99.9 | 99.9 | 74.7 | 94 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 553

STATION NO. 553
OHAMA, NEB26 APRIL 1975
1500 GMT

| TIME MIN | CMCT | WEIGHT GFM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V CLMP M/SEC | POT T DEG K | E POT T DEG K | MR RTO CM/KG | RM PCT | RANGE M | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|------------|-----------|
| 0.0 | 7.5 | 400.0 | 964.2 | 12.2 | 10.6 | 40.0 | 2.6 | -1.7 | -2.0 | 269.4 | 311.2 | 8.4 | 98.0 | 0.7 | 0 |
| 0.0 | 95.0 | 59.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 95.0 | 95.0 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 8.3 | 524.6 | 950.0 | 11.5 | 10.7 | 100.7 | 2.9 | -2.8 | 0.5 | 94.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.4 | 10.9 | 747.4 | 925.0 | 10.2 | 9.6 | 67.9 | 4.7 | -4.7 | -0.2 | 290.8 | 312.1 | 8.1 | 95.7 | 0.4 | 21.0 |
| 2.2 | 12.3 | 976.1 | 900.0 | 10.6 | 9.9 | 119.9 | 1.6 | -1.4 | 0.8 | 263.5 | 316.2 | 8.6 | 95.6 | 0.4 | 21.0 |
| 3.2 | 15.9 | 1211.5 | 875.0 | 10.4 | 9.7 | 237.0 | 1.5 | 1.3 | 0.8 | 295.7 | 318.9 | 8.7 | 95.7 | 0.5 | 25.7 |
| 4.1 | 17.9 | 1422.9 | 850.0 | 9.2 | 8.5 | 121.3 | 0.7 | -0.3 | 0.6 | 296.8 | 318.9 | 8.7 | 95.2 | 0.4 | 25.7 |
| 5.1 | 20.3 | 1697.9 | 825.0 | 10.3 | -9.7 | 32.6 | 2.3 | -1.2 | -2.0 | 295.8 | 306.3 | 8.2 | 95.2 | 0.4 | 25.7 |
| 6.1 | 22.7 | 1855.6 | 800.0 | 9.7 | -10.3 | 40.3 | 2.3 | -1.5 | -1.8 | 301.7 | 308.2 | 2.2 | 23.4 | 0.5 | 25.7 |
| 7.1 | 25.3 | 2219.2 | 775.0 | 9.0 | -10.5 | 48.3 | 3.0 | -2.3 | -2.0 | 302.7 | 309.3 | 2.2 | 23.4 | 0.5 | 25.7 |
| 8.2 | 27.7 | 2407.6 | 750.0 | 5.8 | -8.3 | 48.6 | 2.5 | -1.9 | -1.7 | 303.2 | 311.4 | 2.7 | 25.4 | 0.4 | 24.4 |
| 9.2 | 30.4 | 2762.6 | 725.0 | 3.5 | -9.5 | 19.0 | 1.5 | -0.5 | -1.4 | 303.6 | 311.2 | 2.6 | 35.6 | 1.0 | 24.4 |
| 10.2 | 32.1 | 3047.2 | 700.0 | 0.7 | -9.9 | 323.0 | 1.6 | 0.9 | -1.3 | 303.6 | 311.2 | 2.6 | 38.1 | 1.1 | 21.0 |
| 11.3 | 35.4 | 3338.2 | 675.0 | -1.7 | -10.0 | 294.6 | 1.9 | 1.8 | -0.8 | 304.1 | 311.9 | 2.7 | 53.2 | 1.1 | 21.0 |
| 12.3 | 38.0 | 3617.3 | 650.0 | -4.4 | -9.8 | 260.8 | 1.9 | 1.8 | -0.7 | 304.3 | 312.6 | 2.8 | 66.1 | 1.0 | 22.4 |
| 13.7 | 41.4 | 3885.3 | 625.0 | -6.8 | -9.2 | 306.4 | 1.7 | 1.4 | -1.0 | 305.0 | 313.0 | 2.3 | 83.0 | 1.0 | 21.0 |
| 15.0 | 44.6 | 4263.0 | 600.0 | -9.0 | -13.0 | 274.2 | 2.6 | 2.6 | -0.2 | 306.0 | 313.0 | 2.3 | 72.8 | 1.0 | 21.0 |
| 16.4 | 47.7 | 4591.4 | 575.0 | -11.1 | -15.6 | 229.4 | 3.6 | 2.7 | 2.3 | 307.3 | 313.3 | 2.0 | 69.3 | 0.4 | 13.0 |
| 17.7 | 50.8 | 4911.6 | 550.0 | -13.0 | -18.3 | 240.3 | 7.7 | 6.7 | 3.6 | 308.8 | 313.9 | 1.6 | 64.7 | 0.4 | 13.0 |
| 18.1 | 54.0 | 5244.6 | 525.0 | -15.5 | -22.1 | 240.0 | 4.5 | 7.5 | 4.2 | 309.5 | 313.8 | 1.2 | 56.4 | 0.4 | 11.0 |
| 20.2 | 57.1 | 5623.8 | 500.0 | -17.8 | -24.7 | 252.9 | 7.4 | 7.4 | 2.2 | 311.3 | 312.7 | 0.4 | 21.0 | 1.2 | 11.0 |
| 21.5 | 60.6 | 6022.3 | 475.0 | -20.0 | -26.7 | 245.2 | 10.4 | 10.7 | 0.9 | 312.2 | 313.4 | 0.3 | 22.2 | 1.0 | 11.0 |
| 23.1 | 64.2 | 6437.7 | 450.0 | -23.6 | -29.9 | 268.7 | 15.4 | 15.4 | 0.3 | 313.6 | 314.2 | 0.2 | 13.6 | 3.2 | 11.0 |
| 24.6 | 67.7 | 6846.3 | 425.0 | -26.1 | -32.6 | 269.5 | 16.4 | 16.5 | 0.1 | 315.2 | 315.6 | 0.0 | 1.0 | 4.6 | 11.0 |
| 26.2 | 71.6 | 7283.0 | 400.0 | -28.3 | -34.1 | 259.1 | 20.4 | 20.0 | 4.2 | 316.1 | 316.2 | 0.0 | 1.0 | 6.3 | 11.0 |
| 27.0 | 75.5 | 7742.6 | 375.0 | -32.0 | -38.1 | 248.4 | 23.6 | 21.9 | 6.7 | 314.2 | 316.7 | 0.1 | 18.7 | 8.6 | 11.0 |
| 28.7 | 79.3 | 8225.9 | 350.0 | -36.1 | -44.3 | 244.2 | 25.9 | 23.3 | 11.3 | 320.1 | 320.8 | 0.1 | 41.8 | 11.2 | 11.0 |
| 31.7 | 84.0 | 8736.1 | 325.0 | -40.2 | -49.9 | 242.7 | 29.5 | 26.2 | 13.6 | 321.3 | 320.8 | 0.2 | 41.8 | 11.2 | 11.0 |
| 33.8 | 88.6 | 9277.4 | 300.0 | -44.6 | -54.9 | 242.1 | 29.9 | 27.2 | 14.4 | 322.5 | 320.8 | 0.2 | 41.8 | 11.2 | 11.0 |
| 36.0 | 93.6 | 9853.6 | 275.0 | -49.6 | -59.9 | 241.2 | 29.9 | 27.2 | 14.4 | 323.5 | 320.8 | 0.2 | 41.8 | 11.2 | 11.0 |
| 38.3 | 98.5 | 10462.7 | 250.0 | -55.1 | -64.9 | 243.5 | 31.0 | 27.7 | 14.4 | 324.2 | 320.8 | 0.2 | 41.8 | 11.2 | 11.0 |
| 40.8 | 104.0 | 11138.5 | 225.0 | -56.9 | -69.9 | 256.0 | 37.9 | 26.8 | 9.2 | 313.3 | 320.8 | 0.2 | 41.8 | 11.2 | 11.0 |
| 43.6 | 110.2 | 11881.7 | 200.0 | -57.8 | -74.9 | 256.7 | 35.3 | 23.3 | 9.0 | 341.3 | 320.8 | 0.2 | 41.8 | 11.2 | 11.0 |
| 46.6 | 116.5 | 12727.4 | 175.0 | -57.0 | -79.9 | 253.6 | 34.7 | 23.3 | 9.0 | 355.8 | 320.8 | 0.2 | 41.8 | 11.2 | 11.0 |
| 50.0 | 123.9 | 13706.9 | 150.0 | -55.8 | -79.9 | 247.4 | 31.9 | 29.4 | 12.2 | 374.0 | 320.8 | 0.2 | 41.8 | 11.2 | 11.0 |
| 54.2 | 131.3 | 14806.7 | 125.0 | -57.5 | -79.9 | 252.0 | 33.6 | 31.9 | 10.4 | 390.8 | 320.8 | 0.2 | 41.8 | 11.2 | 11.0 |
| 58.9 | 139.3 | 16293.5 | 100.0 | -55.2 | -79.9 | 269.1 | 17.1 | 17.1 | 0.3 | 421.1 | 320.8 | 0.2 | 41.8 | 11.2 | 11.0 |
| 64.8 | 147.3 | 18117.0 | 75.0 | -59.1 | -79.9 | 246.3 | 21.1 | 17.3 | 6.5 | 449.1 | 320.8 | 0.2 | 41.8 | 11.2 | 11.0 |
| 72.9 | 156.0 | 20890.0 | 50.0 | -54.8 | -79.9 | 52.8 | 5.3 | -4.3 | -3.2 | 514.5 | 320.8 | 0.2 | 41.8 | 11.2 | 11.0 |
| 80.6 | 165.1 | 25184.5 | 25.0 | 49.8 | -79.9 | 51.6 | 5.5 | -4.4 | -3.5 | 641.9 | 320.8 | 0.2 | 41.8 | 11.2 | 11.0 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 562
NORTH PLATTE, NEB

24 APRIL 1975
1450 GMT

| TIME MIN | CNTCT | HEIGHT GM | PRES MB | TEMP DEG C | CEV PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|--------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.2 | 13.7 | 847.0 | 914.7 | 11.7 | 9.0 | 350.0 | 3.6 | 0.6 | -3.5 | 293.3 | 315.1 | 8.3 | 87.0 | 0.0 | 0. |
| 99.9 | 99.9 | 1000.0 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.5 | 15.1 | 982.0 | 900.0 | 11.4 | 7.1 | 999.9 | 99.9 | 99.9 | 99.9 | 294.1 | 313.0 | 7.1 | 74.9 | 999.9 | 999.9 |
| 1.3 | 17.3 | 1218.5 | 875.0 | 10.7 | 3.7 | 999.9 | 99.9 | 99.9 | 99.9 | 295.7 | 311.3 | 5.7 | 62.1 | 999.9 | 999.9 |
| 2.0 | 15.7 | 1650.2 | 850.0 | 10.4 | 1.1 | 999.9 | 99.9 | 99.9 | 99.9 | 295.7 | 311.3 | 4.9 | 52.3 | 999.9 | 999.9 |
| 2.8 | 22.0 | 1708.5 | 825.0 | 9.7 | -1.3 | 310.2 | 6.3 | 4.8 | -4.1 | 255.4 | 311.3 | 4.2 | 46.4 | 1.2 | 14.3 |
| 3.6 | 24.5 | 1943.1 | 800.0 | 8.5 | -2.0 | 274.2 | 4.3 | 4.3 | -0.3 | 300.7 | 312.5 | 4.1 | 47.5 | 1.5 | 11.5 |
| 4.5 | 26.9 | 2225.4 | 775.0 | 6.7 | -3.5 | 271.5 | 4.9 | 4.9 | -0.1 | 301.5 | 312.5 | 3.8 | 48.1 | 1.6 | 13.0 |
| 5.3 | 29.5 | 2494.1 | 750.0 | 5.2 | -5.9 | 274.8 | 8.0 | 7.9 | -0.7 | 302.6 | 312.1 | 3.3 | 44.5 | 1.9 | 12.5 |
| 6.0 | 32.1 | 2769.6 | 725.0 | 2.8 | -5.5 | 269.1 | 9.0 | 5.0 | 0.1 | 302.9 | 313.1 | 3.5 | 54.6 | 2.2 | 11.9 |
| 7.0 | 34.9 | 3052.3 | 700.0 | 0.0 | -8.5 | 272.5 | 8.7 | 8.7 | -0.5 | 302.9 | 311.3 | 2.9 | 52.7 | 2.5 | 11.6 |
| 7.8 | 37.4 | 3342.9 | 675.0 | -2.0 | -10.8 | 277.7 | 9.2 | 9.2 | -1.2 | 303.7 | 311.0 | 2.5 | 51.0 | 3.1 | 11.1 |
| 8.7 | 40.2 | 3641.5 | 650.0 | -4.7 | -12.2 | 274.8 | 9.4 | 9.4 | -0.8 | 303.9 | 310.8 | 2.3 | 55.6 | 3.6 | 11.0 |
| 9.8 | 42.9 | 3944.9 | 625.0 | -7.1 | -13.8 | 262.1 | 9.7 | 9.6 | 1.3 | 304.5 | 310.8 | 2.1 | 54.8 | 4.2 | 10.7 |
| 10.6 | 45.9 | 4266.9 | 600.0 | -8.5 | -11.7 | 255.3 | 9.4 | 8.6 | 3.9 | 306.6 | 314.3 | 2.6 | 77.8 | 4.5 | 10.3 |
| 11.8 | 48.9 | 4595.8 | 575.0 | -10.8 | -13.5 | 239.6 | 10.3 | 8.9 | 5.2 | 307.6 | 314.7 | 2.3 | 80.3 | 5.2 | 9.8 |
| 12.8 | 51.7 | 4936.3 | 550.0 | -13.5 | -16.6 | 244.1 | 12.1 | 10.9 | 5.3 | 308.3 | 314.1 | 1.9 | 77.2 | 5.6 | 9.4 |
| 13.7 | 55.0 | 5285.2 | 525.0 | -16.6 | -21.6 | 248.8 | 15.3 | 14.3 | 5.5 | 308.6 | 312.6 | 1.3 | 65.2 | 6.3 | 9.1 |
| 14.7 | 58.3 | 5653.1 | 500.0 | -19.6 | -26.0 | 250.2 | 16.4 | 15.4 | 5.6 | 309.2 | 312.1 | 0.9 | 56.5 | 7.2 | 8.7 |
| 15.9 | 61.3 | 6032.6 | 475.0 | -21.6 | -33.2 | 245.6 | 15.7 | 14.3 | 6.5 | 311.2 | 313.0 | 0.5 | 36.9 | 8.3 | 8.5 |
| 17.2 | 64.7 | 6429.1 | 450.0 | -24.6 | -46.6 | 246.4 | 14.9 | 13.6 | 5.9 | 312.3 | 312.7 | 0.1 | 10.9 | 9.4 | 8.3 |
| 18.5 | 68.0 | 6842.3 | 425.0 | -27.9 | -49.9 | 245.1 | 14.8 | 13.4 | 6.2 | 313.2 | 313.6 | 0.1 | 10.0 | 10.6 | 8.1 |
| 19.5 | 71.5 | 7274.8 | 400.0 | -31.6 | -52.6 | 237.0 | 17.5 | 14.7 | 9.5 | 313.9 | 314.1 | 0.2 | 10.4 | 11.7 | 7.7 |
| 21.3 | 75.3 | 7728.2 | 375.0 | -35.2 | -45.5 | 238.5 | 19.7 | 16.8 | 10.3 | 315.0 | 315.6 | 0.2 | 33.7 | 13.3 | 7.6 |
| 22.8 | 79.3 | 8206.0 | 350.0 | -38.5 | -43.2 | 236.0 | 21.9 | 18.1 | 12.2 | 316.8 | 317.6 | 0.2 | 60.5 | 15.1 | 7.4 |
| 24.2 | 83.2 | 8710.9 | 325.0 | -42.9 | 99.9 | 232.8 | 23.4 | 18.6 | 14.1 | 317.5 | 999.9 | 99.9 | 999.9 | 16.9 | 7.2 |
| 25.7 | 87.2 | 9245.0 | 300.0 | -47.3 | 99.9 | 235.5 | 23.2 | 19.1 | 13.1 | 318.8 | 999.9 | 99.9 | 999.9 | 18.9 | 7.0 |
| 27.3 | 91.9 | 9814.9 | 275.0 | -51.8 | 99.9 | 233.8 | 24.8 | 20.1 | 14.7 | 320.2 | 999.9 | 99.9 | 999.9 | 21.1 | 6.4 |
| 29.1 | 96.4 | 10424.6 | 250.0 | -56.0 | 99.9 | 232.5 | 26.6 | 21.1 | 16.2 | 322.8 | 999.9 | 99.9 | 999.9 | 23.8 | 6.7 |
| 31.2 | 101.4 | 11093.4 | 225.0 | -57.7 | 99.9 | 244.5 | 27.7 | 25.0 | 11.9 | 330.1 | 999.9 | 99.9 | 999.9 | 27.2 | 6.5 |
| 33.7 | 107.0 | 11839.2 | 200.0 | -56.3 | 99.9 | 250.3 | 29.4 | 27.7 | 9.9 | 343.6 | 999.9 | 99.9 | 999.9 | 31.7 | 5.5 |
| 36.5 | 113.2 | 12685.8 | 175.0 | -58.8 | 99.9 | 247.5 | 20.5 | 19.0 | 7.9 | 356.1 | 999.9 | 99.9 | 999.9 | 35.0 | 6.6 |
| 39.7 | 119.3 | 13669.3 | 150.0 | -55.2 | 99.9 | 247.0 | 21.2 | 19.5 | 8.3 | 375.1 | 999.9 | 99.9 | 999.9 | 39.3 | 6.6 |
| 43.7 | 126.3 | 14830.2 | 125.0 | -56.5 | 99.9 | 253.1 | 17.3 | 16.6 | 5.0 | 392.6 | 999.9 | 99.9 | 999.9 | 43.8 | 6.7 |
| 49.0 | 134.7 | 16247.8 | 100.0 | -57.1 | 99.9 | 253.5 | 19.2 | 18.4 | 5.5 | 417.5 | 999.9 | 99.9 | 999.9 | 49.9 | 6.7 |
| 54.9 | 142.7 | 18070.4 | 75.0 | -57.3 | 99.9 | 257.5 | 14.3 | 13.2 | 5.5 | 452.9 | 999.9 | 99.9 | 999.9 | 56.5 | 6.8 |
| 62.5 | 151.3 | 20655.3 | 50.0 | -51.8 | 99.9 | 273.4 | 7.1 | 7.1 | -0.4 | 521.5 | 999.9 | 95.9 | 999.9 | 62.7 | 6.8 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAU... IS

STATION NO. 606
PORTLAND, ME24 APRIL 1975
1415 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E PUT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.3 | 20.0 | 1013.0 | 5.6 | 5.6 | 120.0 | 5.1 | -4.4 | 2.5 | 278.4 | 292.7 | 5.6 | 100.0 | 0.0 | 0.0 |
| 0.4 | 6.4 | 125.9 | 1000.0 | 5.3 | 5.3 | 128.5 | 6.6 | -6.7 | 5.4 | 279.2 | 293.3 | 5.6 | 100.0 | 0.2 | 297.0 |
| 1.0 | 9.9 | 332.5 | 975.0 | 3.8 | 3.8 | 137.9 | 11.2 | -7.5 | 8.3 | 279.6 | 293.8 | 5.2 | 101.5 | 0.5 | 300.0 |
| 1.4 | 11.1 | 543.5 | 950.0 | 3.3 | 3.3 | 153.1 | 15.4 | -7.0 | 13.7 | 281.2 | 294.8 | 5.1 | 101.5 | 1.1 | 3.4 |
| 2.0 | 13.6 | 760.2 | 925.0 | 3.4 | 3.4 | 999.9 | 99.9 | 99.9 | 99.9 | 283.5 | 297.3 | 5.3 | 101.4 | 999.9 | 99.9 |
| 3.5 | 15.5 | 981.3 | 900.0 | 4.5 | 4.5 | 999.9 | 99.9 | 99.9 | 99.9 | 286.9 | 302.2 | 5.9 | 101.6 | 999.9 | 99.9 |
| 4.4 | 18.4 | 1213.6 | 875.0 | 5.3 | 5.3 | 999.9 | 99.9 | 99.9 | 99.9 | 290.1 | 307.0 | 6.4 | 101.7 | 999.9 | 99.9 |
| 5.2 | 20.8 | 1451.0 | 850.0 | 5.1 | 5.1 | 999.9 | 99.9 | 99.9 | 99.9 | 292.3 | 308.7 | 6.5 | 101.7 | 999.9 | 99.9 |
| 6.0 | 23.4 | 1695.1 | 825.0 | 4.5 | 4.5 | 999.9 | 99.9 | 99.9 | 99.9 | 294.2 | 311.4 | 6.4 | 101.6 | 999.9 | 99.9 |
| 6.9 | 25.8 | 1945.6 | 800.0 | 3.2 | 3.2 | 999.9 | 99.9 | 99.9 | 99.9 | 295.4 | 311.8 | 6.1 | 101.4 | 999.9 | 99.9 |
| 7.9 | 28.6 | 2202.7 | 775.0 | 1.7 | 1.7 | 219.2 | 15.0 | 9.5 | 11.6 | 296.3 | 311.6 | 5.6 | 101.2 | 6.3 | 6.0 |
| 8.5 | 31.3 | 2466.6 | 750.0 | -0.0 | -0.0 | 225.4 | 13.4 | 9.6 | 9.4 | 297.2 | 311.3 | 5.1 | 101.0 | 7.0 | 11.0 |
| 9.5 | 34.2 | 2738.0 | 725.0 | -1.3 | -1.3 | 226.6 | 12.0 | 8.7 | 8.2 | 298.6 | 312.0 | 4.8 | 100.8 | 7.6 | 15.0 |
| 10.7 | 36.9 | 3019.1 | 700.0 | -2.0 | -2.0 | 227.1 | 10.1 | 7.4 | 6.9 | 300.9 | 312.2 | 4.7 | 100.7 | 8.1 | 17.0 |
| 11.6 | 39.8 | 3306.6 | 675.0 | -3.6 | -3.9 | 229.4 | 10.2 | 7.7 | 6.6 | 301.9 | 314.0 | 4.2 | 99.0 | 8.6 | 19.0 |
| 12.5 | 42.4 | 3604.2 | 650.0 | -5.7 | -7.7 | 241.7 | 12.1 | 10.6 | 5.7 | 302.9 | 312.5 | 3.3 | 85.4 | 9.1 | 21.0 |
| 13.4 | 45.4 | 3911.0 | 625.0 | -7.3 | -9.1 | 256.0 | 13.4 | 13.0 | 3.2 | 304.5 | 313.5 | 3.1 | 87.1 | 9.6 | 24.0 |
| 14.6 | 48.5 | 4224.3 | 600.0 | -9.2 | -10.1 | 263.4 | 16.0 | 15.6 | 1.8 | 305.8 | 314.6 | 3.0 | 92.9 | 10.1 | 29.0 |
| 15.6 | 51.4 | 4556.3 | 575.0 | -11.7 | -23.4 | 267.1 | 18.3 | 18.3 | 0.9 | 306.4 | 314.2 | 1.2 | 43.2 | 10.8 | 33.0 |
| 16.8 | 54.6 | 4894.2 | 550.0 | -15.1 | -47.5 | 278.3 | 18.4 | 18.2 | -2.7 | 306.2 | 306.5 | 0.1 | 4.3 | 11.5 | 37.0 |
| 17.1 | 57.7 | 5244.3 | 525.0 | -17.3 | -60.9 | 280.6 | 17.7 | 17.4 | -3.1 | 307.6 | 307.7 | 0.0 | 1.0 | 12.3 | 40.0 |
| 18.3 | 61.1 | 5608.4 | 500.0 | -19.2 | -60.7 | 275.6 | 18.7 | 18.6 | -1.8 | 309.6 | 309.6 | 0.0 | 1.2 | 13.0 | 50.0 |
| 20.6 | 64.6 | 5988.4 | 475.0 | -21.2 | -63.4 | 272.5 | 21.7 | 21.5 | -2.8 | 311.7 | 311.8 | 0.0 | 1.0 | 14.2 | 54.0 |
| 21.4 | 68.0 | 6365.2 | 450.0 | -23.7 | -65.9 | 283.1 | 26.2 | 25.5 | -6.0 | 313.4 | 313.5 | 0.0 | 1.0 | 15.3 | 54.0 |
| 23.1 | 71.4 | 6801.5 | 425.0 | -25.9 | -66.5 | 279.9 | 31.3 | 30.9 | -5.4 | 315.7 | 315.8 | 0.0 | 1.0 | 17.1 | 54.0 |
| 24.4 | 75.3 | 7237.4 | 400.0 | -29.6 | -68.9 | 275.1 | 30.2 | 30.1 | -2.7 | 316.5 | 316.5 | 0.0 | 1.0 | 19.3 | 57.0 |
| 25.9 | 79.2 | 7654.6 | 375.0 | -33.2 | -61.0 | 277.5 | 30.2 | 30.0 | -3.9 | 317.6 | 317.7 | 0.0 | 4.2 | 21.7 | 71.0 |
| 27.5 | 83.2 | 8175.4 | 350.0 | -37.6 | -55.9 | 283.4 | 26.2 | 25.4 | -6.1 | 318.0 | 318.2 | 0.1 | 12.7 | 24.0 | 74.0 |
| 29.2 | 87.2 | 8681.8 | 325.0 | -41.8 | -59.9 | 286.6 | 31.6 | 30.2 | -9.0 | 319.0 | 319.0 | 99.9 | 999.9 | 26.4 | 78.0 |
| 31.0 | 91.7 | 9218.6 | 300.0 | -46.5 | -64.5 | 284.2 | 41.4 | 40.1 | -10.2 | 319.9 | 319.9 | 99.9 | 999.9 | 30.1 | 81.0 |
| 32.9 | 96.2 | 9790.4 | 275.0 | -51.0 | -69.9 | 287.9 | 41.3 | 39.3 | -12.7 | 321.4 | 321.4 | 99.9 | 999.9 | 34.5 | 84.0 |
| 35.0 | 101.0 | 10404.6 | 250.0 | -54.4 | -69.9 | 292.1 | 39.9 | 36.8 | -15.5 | 323.2 | 323.2 | 99.9 | 999.9 | 38.4 | 86.0 |
| 37.0 | 106.3 | 11073.4 | 225.0 | -58.6 | -69.9 | 297.7 | 36.1 | 31.9 | -16.8 | 328.7 | 328.7 | 99.9 | 999.9 | 43.0 | 90.0 |
| 39.4 | 111.8 | 11809.0 | 200.0 | -60.7 | -69.9 | 295.3 | 32.0 | 29.0 | -13.7 | 336.6 | 336.6 | 99.9 | 999.9 | 47.4 | 93.0 |
| 42.5 | 117.5 | 12639.6 | 175.0 | -59.7 | -69.9 | 279.7 | 27.9 | 27.5 | -4.7 | 351.4 | 351.4 | 99.9 | 999.9 | 53.1 | 94.0 |
| 46.0 | 124.3 | 13615.6 | 150.0 | -54.5 | -69.9 | 284.1 | 27.7 | 26.2 | -9.1 | 376.1 | 376.1 | 99.9 | 999.9 | 59.8 | 96.0 |
| 50.3 | 131.3 | 14787.6 | 125.0 | -54.6 | -69.9 | 284.0 | 18.8 | 18.2 | -4.5 | 396.1 | 396.1 | 99.9 | 999.9 | 64.9 | 97.0 |
| 55.3 | 139.0 | 16215.3 | 100.0 | -54.9 | -69.9 | 296.3 | 16.4 | 14.7 | -7.3 | 421.6 | 421.6 | 99.9 | 999.9 | 70.8 | 98.0 |
| 61.3 | 147.0 | 18045.4 | 75.0 | -55.1 | -69.9 | 295.5 | 10.9 | 9.8 | -4.7 | 457.5 | 457.5 | 99.9 | 999.9 | 75.9 | 100.0 |
| 68.5 | 156.0 | 20643.3 | 50.0 | -53.8 | -69.9 | 338.0 | 1.9 | 0.7 | -1.7 | 516.6 | 516.6 | 99.9 | 999.9 | 76.7 | 100.0 |
| 81.9 | 165.5 | 25120.3 | 25.0 | -49.9 | -69.9 | 102.2 | 9.9 | -9.3 | 2.0 | 641.5 | 641.5 | 99.9 | 999.9 | 76.5 | 101.0 |

ORIGINAL PAU...
OF POOR QUALITY

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637
FLINT, MICH24 APRIL 1975
1515 GMT

| TIME MIN | CATCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCMF M/SEC | PUT Y DG K | E POT Y DG K | MX RTD GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.2 | 236.0 | 982.1 | 9.4 | 6.7 | 20.0 | 3.1 | -1.1 | -2.9 | 284.8 | 301.0 | 6.3 | 83.0 | 0.0 | 0. |
| 09.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 6.7 | 296.2 | 975.0 | 6.2 | 4.8 | 17.8 | 3.0 | -0.9 | -2.9 | 284.1 | 295.6 | 5.6 | 78.9 | 0.1 | 25.0 |
| 0.9 | 6.7 | 510.1 | 950.0 | 6.1 | 4.7 | 22.2 | 3.8 | -1.4 | -3.5 | 284.1 | 298.8 | 5.6 | 90.4 | 0.3 | 131. |
| 1.6 | 10.3 | 729.4 | 925.0 | 4.5 | 4.0 | 29.7 | 4.4 | -2.2 | -3.6 | 284.7 | 299.3 | 5.5 | 96.1 | 0.5 | 139. |
| 2.5 | 12.0 | 551.9 | 900.0 | 6.5 | 6.1 | 32.2 | 4.9 | 3.0 | -4.0 | 289.1 | 306.4 | 6.6 | 97.5 | 0.6 | 139. |
| 3.3 | 15.2 | 1184.9 | 875.0 | 8.5 | 6.1 | 295.6 | 6.1 | 7.3 | -3.5 | 293.5 | 311.5 | 6.8 | 84.7 | 0.8 | 173. |
| 4.1 | 17.4 | 1424.9 | 850.0 | 8.0 | 4.8 | 292.1 | 7.9 | 7.4 | -3.0 | 295.4 | 312.6 | 6.4 | 80.2 | 1.1 | 153. |
| 5.0 | 19.8 | 1671.6 | 825.0 | 7.9 | 4.5 | 285.6 | 7.5 | 7.2 | -2.0 | 297.8 | 315.4 | 6.4 | 78.6 | 1.4 | 142. |
| 5.9 | 21.9 | 1925.1 | 800.0 | 6.1 | 2.7 | 281.4 | 7.9 | 7.7 | -1.5 | 299.4 | 314.4 | 5.8 | 78.8 | 1.7 | 114. |
| 6.9 | 24.4 | 2185.5 | 775.0 | 5.8 | -0.5 | 268.1 | 9.7 | 9.7 | 0.3 | 300.7 | 314.1 | 4.8 | 64.1 | 2.1 | 125. |
| 7.9 | 26.6 | 2453.7 | 750.0 | 4.6 | -4.5 | 271.3 | 11.2 | 11.2 | -0.3 | 302.0 | 312.5 | 3.6 | 51.4 | 2.7 | 116. |
| 8.9 | 29.1 | 2729.0 | 725.0 | 3.0 | -10.4 | 274.1 | 10.0 | 10.0 | -0.7 | 303.1 | 310.2 | 2.4 | 36.4 | 3.4 | 112. |
| 9.9 | 31.7 | 3012.5 | 700.0 | 1.4 | -15.6 | 269.3 | 8.6 | 8.6 | 0.1 | 304.2 | 309.2 | 1.6 | 26.9 | 3.9 | 109. |
| 10.9 | 34.3 | 3304.3 | 675.0 | -0.2 | -20.3 | 270.5 | 8.0 | 8.0 | -0.1 | 305.5 | 309.1 | 1.1 | 20.2 | 4.3 | 107. |
| 11.7 | 36.8 | 3605.5 | 650.0 | -1.6 | -26.1 | 277.3 | 8.8 | 8.8 | -1.1 | 307.2 | 309.4 | 0.7 | 13.4 | 4.8 | 100. |
| 13.0 | 39.6 | 3916.4 | 625.0 | -3.1 | -28.1 | 271.0 | 12.4 | 12.4 | -0.2 | 308.9 | 310.9 | 0.6 | 12.4 | 5.5 | 104. |
| 14.1 | 42.2 | 4238.6 | 600.0 | -5.4 | -29.9 | 265.7 | 13.2 | 13.2 | 1.0 | 309.9 | 311.7 | 0.5 | 12.4 | 6.3 | 104. |
| 15.2 | 45.1 | 4570.7 | 575.0 | -8.1 | -31.9 | 265.7 | 11.5 | 11.4 | 0.9 | 310.5 | 312.0 | 0.5 | 12.6 | 7.1 | 100. |
| 16.3 | 48.1 | 4913.6 | 550.0 | -11.4 | -34.3 | 266.6 | 10.7 | 10.7 | 0.6 | 310.6 | 311.9 | 0.4 | 12.9 | 7.9 | 99. |
| 17.6 | 51.0 | 5268.7 | 525.0 | -13.5 | -37.1 | 260.4 | 11.5 | 11.4 | 1.9 | 312.1 | 313.2 | 0.3 | 11.6 | 8.6 | 97. |
| 18.4 | 54.1 | 5638.7 | 500.0 | -14.6 | -38.8 | 261.0 | 13.9 | 13.7 | 2.2 | 316.8 | 316.2 | 0.3 | 10.6 | 9.5 | 94. |
| 20.2 | 57.1 | 6025.5 | 475.0 | -17.1 | -40.5 | 259.5 | 15.2 | 15.2 | 0.1 | 318.7 | 317.6 | 0.2 | 10.9 | 10.7 | 94. |
| 21.6 | 60.5 | 6429.0 | 450.0 | -19.5 | -41.1 | 258.6 | 17.8 | 17.8 | 0.1 | 318.7 | 317.6 | 0.2 | 12.6 | 12.1 | 94. |
| 23.1 | 64.7 | 6851.5 | 425.0 | -22.3 | -42.7 | 274.9 | 16.4 | 19.3 | -1.6 | 320.4 | 321.1 | 0.2 | 13.5 | 13.9 | 94. |
| 24.7 | 67.5 | 7294.1 | 400.0 | -25.8 | -43.2 | 282.2 | 22.2 | 21.7 | -4.7 | 321.4 | 322.2 | 0.2 | 17.8 | 15.7 | 90. |
| 26.1 | 71.0 | 7757.9 | 375.0 | -29.6 | -44.2 | 276.6 | 22.7 | 22.6 | -2.6 | 322.1 | 322.8 | 0.2 | 23.1 | 17.7 | 95. |
| 27.8 | 75.3 | 8246.6 | 350.0 | -32.7 | -45.7 | 264.1 | 27.9 | 27.8 | 2.9 | 324.6 | 325.9 | 0.4 | 55.1 | 20.0 | 95. |
| 29.5 | 79.2 | 8764.3 | 325.0 | -36.9 | -43.1 | 264.1 | 33.7 | 33.5 | 3.5 | 325.7 | 326.7 | 0.3 | 52.0 | 23.1 | 93. |
| 31.3 | 83.3 | 9313.4 | 300.0 | -41.1 | 99.9 | 261.1 | 34.7 | 38.3 | 6.0 | 327.5 | 999.9 | 99.9 | 99.9 | 27.1 | 92. |
| 33.3 | 87.8 | 9807.4 | 275.0 | -46.6 | 99.9 | 256.5 | 39.8 | 38.7 | 9.3 | 327.8 | 999.9 | 99.9 | 99.9 | 31.4 | 89. |
| 35.5 | 92.8 | 10223.8 | 250.0 | -51.4 | 99.9 | 254.1 | 46.8 | 45.0 | 12.8 | 329.7 | 999.9 | 99.9 | 99.9 | 37.2 | 97. |
| 37.6 | 97.9 | 11199.9 | 225.0 | -57.0 | 99.9 | 250.9 | 46.5 | 43.9 | 15.2 | 331.2 | 999.9 | 99.9 | 99.9 | 43.2 | 85. |
| 40.7 | 103.3 | 11936.9 | 200.0 | -61.9 | 99.9 | 256.2 | 50.5 | 49.0 | 12.3 | 334.7 | 999.9 | 99.9 | 99.9 | 49.8 | 83. |
| 42.6 | 109.7 | 12757.4 | 175.0 | -67.0 | 99.9 | 271.8 | 34.0 | 34.0 | -1.1 | 346.0 | 999.9 | 99.9 | 99.9 | 56.8 | 84. |
| 45.6 | 116.0 | 13718.0 | 150.0 | -57.1 | 99.9 | 268.2 | 23.8 | 23.8 | 0.7 | 371.8 | 999.9 | 99.9 | 99.9 | 61.9 | 84. |
| 49.4 | 124.0 | 14677.2 | 125.0 | -56.4 | 99.9 | 261.3 | 25.8 | 25.5 | 2.9 | 392.9 | 999.9 | 99.9 | 99.9 | 67.1 | 84. |
| 53.8 | 132.5 | 16297.9 | 100.0 | -54.7 | 99.9 | 255.6 | 25.0 | 29.8 | 2.3 | 422.1 | 999.9 | 99.9 | 99.9 | 74.3 | 84. |
| 59.6 | 141.7 | 18135.9 | 75.0 | -56.9 | 99.9 | 285.1 | 14.3 | 13.8 | -3.7 | 453.8 | 999.9 | 99.9 | 99.9 | 82.3 | 86. |
| 67.0 | 151.7 | 20691.3 | 50.0 | -55.5 | 99.9 | 302.2 | 7.1 | 6.0 | -3.8 | 512.9 | 999.9 | 99.9 | 99.9 | 86.0 | 86. |
| 78.4 | 173.5 | 25161.1 | 25.0 | -50.2 | 59.9 | 58.5 | 0.7 | -0.7 | 0.1 | 640.5 | 599.9 | 99.9 | 99.9 | 86.4 | 87. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 645
GREEN BAY, WIS

24 APRIL 1975
1415 GMT

| TIME MIN | CNCT | HEIGHT GPN | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.4 | 210.0 | 987.5 | 6.1 | 1.1 | 20.0 | 4.1 | -1.4 | -3.9 | 280.8 | 291.7 | 4.2 | 70.0 | 0.0 | 0 |
| 99.9 | 99.9 | 59.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 7.6 | 317.0 | 975.0 | 5.3 | 1.2 | 15.0 | 4.8 | -1.2 | -4.7 | 281.1 | 292.2 | 4.3 | 74.5 | 0.1 | 100 |
| 1.3 | 5.6 | 528.6 | 950.0 | 3.1 | 1.2 | 14.7 | 5.1 | -1.3 | -4.9 | 280.9 | 292.3 | 4.4 | 87.0 | 0.3 | 190 |
| 2.2 | 11.3 | 784.2 | 925.0 | 1.3 | 0.4 | 20.4 | 6.4 | -2.3 | -5.9 | 281.2 | 292.3 | 4.3 | 94.0 | 0.6 | 190 |
| 3.0 | 13.4 | 964.4 | 900.0 | -0.3 | -0.9 | 26.2 | 7.3 | -3.2 | -6.5 | 281.7 | 292.1 | 4.0 | 95.1 | 1.0 | 190 |
| 3.9 | 15.4 | 1189.9 | 875.0 | -0.2 | -6.2 | 17.1 | 6.0 | -1.8 | -5.7 | 280.0 | 291.5 | 2.8 | 65.2 | 1.3 | 200 |
| 4.8 | 17.4 | 1423.4 | 850.0 | 3.0 | -11.2 | 1.5 | 5.9 | -0.2 | -5.8 | 289.5 | 295.0 | 1.9 | 34.2 | 1.6 | 190 |
| 5.7 | 19.6 | 1655.9 | 825.0 | 4.0 | -9.2 | 354.9 | 5.1 | 0.5 | -5.1 | 293.1 | 300.2 | 2.5 | 40.5 | 1.9 | 190 |
| 6.7 | 21.5 | 1916.0 | 800.0 | 4.1 | -7.3 | 317.4 | 4.0 | 2.7 | -2.9 | 295.8 | 303.7 | 2.8 | 43.1 | 2.1 | 190 |
| 7.6 | 23.9 | 2173.9 | 775.0 | 2.9 | -9.1 | 313.5 | 6.4 | 4.7 | -4.4 | 297.3 | 304.5 | 2.5 | 41.0 | 2.3 | 190 |
| 8.6 | 25.9 | 2439.6 | 750.0 | 3.4 | -28.6 | 314.2 | 6.3 | 4.5 | -4.4 | 300.4 | 301.9 | 0.5 | 7.3 | 2.6 | 170 |
| 9.6 | 28.1 | 2713.5 | 725.0 | 2.0 | -23.5 | 295.6 | 7.3 | 6.6 | -3.1 | 301.7 | 303.2 | 0.5 | 7.7 | 2.6 | 170 |
| 10.6 | 30.5 | 2995.4 | 700.0 | -0.1 | -30.8 | 281.4 | 9.3 | 9.1 | -1.8 | 302.4 | 303.8 | 0.4 | 7.7 | 3.1 | 160 |
| 11.7 | 32.9 | 3285.3 | 675.0 | -1.8 | -31.9 | 275.8 | 10.2 | 10.1 | -1.0 | 303.6 | 304.9 | 0.4 | 7.8 | 3.4 | 150 |
| 12.9 | 35.3 | 3584.8 | 650.0 | -3.4 | -32.9 | 274.0 | 9.8 | 9.8 | -0.7 | 305.1 | 306.3 | 0.4 | 8.0 | 3.8 | 140 |
| 14.0 | 37.7 | 3893.3 | 625.0 | -6.0 | -34.6 | 277.4 | 8.9 | 8.8 | -1.1 | 305.6 | 306.7 | 0.3 | 8.2 | 4.2 | 130 |
| 15.1 | 40.3 | 4211.3 | 600.0 | -8.6 | -36.3 | 281.1 | 8.2 | 8.1 | -1.6 | 308.1 | 307.1 | 0.3 | 8.5 | 4.7 | 130 |
| 16.4 | 42.9 | 4539.3 | 575.0 | -11.1 | -38.0 | 281.5 | 9.3 | 9.1 | -1.9 | 307.0 | 307.8 | 0.2 | 8.7 | 5.2 | 130 |
| 17.6 | 45.6 | 4879.3 | 550.0 | -13.3 | -39.4 | 282.2 | 12.1 | 11.9 | -2.6 | 308.3 | 309.1 | 0.2 | 8.9 | 5.9 | 120 |
| 18.9 | 48.4 | 5231.9 | 525.0 | -15.8 | -41.1 | 281.8 | 13.9 | 13.6 | -2.8 | 309.4 | 310.1 | 0.2 | 9.2 | 6.5 | 120 |
| 20.2 | 51.1 | 5597.7 | 500.0 | -18.4 | -42.9 | 276.5 | 14.9 | 14.8 | -1.7 | 310.6 | 311.2 | 0.2 | 9.4 | 7.9 | 120 |
| 21.5 | 54.1 | 5978.4 | 475.0 | -20.9 | -44.7 | 269.1 | 16.3 | 16.3 | 0.3 | 312.1 | 312.6 | 0.1 | 9.6 | 9.9 | 110 |
| 22.9 | 57.0 | 6376.9 | 450.0 | -22.2 | -45.6 | 270.7 | 20.2 | 20.2 | -0.2 | 315.3 | 315.9 | 0.1 | 9.9 | 10.4 | 110 |
| 24.3 | 60.3 | 6794.5 | 425.0 | -25.3 | -47.8 | 276.9 | 23.0 | 22.8 | -2.8 | 316.5 | 316.9 | 0.1 | 10.1 | 12.2 | 110 |
| 26.0 | 63.7 | 7231.4 | 400.0 | -29.0 | -50.5 | 279.8 | 24.9 | 24.6 | -4.2 | 317.2 | 317.6 | 0.1 | 10.4 | 14.5 | 100 |
| 27.6 | 67.3 | 7689.8 | 375.0 | -32.2 | -49.5 | 261.1 | 28.2 | 27.6 | -5.4 | 318.9 | 319.3 | 0.1 | 15.9 | 17.1 | 100 |
| 29.3 | 70.4 | 8173.1 | 350.0 | -35.9 | -48.3 | 277.8 | 30.6 | 30.3 | -4.1 | 320.2 | 320.7 | 0.1 | 26.4 | 20.9 | 100 |
| 31.1 | 74.3 | 8683.4 | 325.0 | -39.9 | -49.7 | 269.0 | 29.5 | 29.5 | 0.0 | 321.6 | 321.9 | 99.9 | 99.9 | 23.4 | 100 |
| 33.0 | 78.3 | 9225.6 | 300.0 | -43.5 | -49.9 | 261.4 | 34.9 | 34.5 | 5.2 | 324.0 | 324.0 | 99.9 | 99.9 | 26.7 | 100 |
| 35.0 | 82.3 | 9805.4 | 275.0 | -47.9 | -49.9 | 252.6 | 43.6 | 41.6 | 13.1 | 325.9 | 325.9 | 99.9 | 99.9 | 31.9 | 90 |
| 37.1 | 86.9 | 10424.2 | 250.0 | -52.1 | -49.9 | 244.4 | 49.6 | 48.4 | 19.7 | 328.6 | 328.6 | 99.9 | 99.9 | 36.1 | 90 |
| 39.8 | 91.9 | 11103.1 | 225.0 | -56.7 | -49.9 | 248.3 | 53.2 | 49.5 | 7.8 | 330.0 | 330.0 | 99.9 | 99.9 | 43.5 | 80 |
| 42.3 | 97.0 | 11844.1 | 200.0 | -59.8 | -49.9 | 255.3 | 41.9 | 41.2 | 3.1 | 350.0 | 350.0 | 99.9 | 99.9 | 50.7 | 90 |
| 45.1 | 102.8 | 12580.8 | 175.0 | -56.9 | -49.9 | 263.8 | 28.5 | 28.4 | 7.6 | 371.6 | 371.6 | 99.9 | 99.9 | 56.1 | 80 |
| 48.1 | 108.7 | 13615.5 | 150.0 | -57.2 | -49.9 | 262.1 | 25.8 | 25.5 | 2.5 | 395.0 | 395.0 | 99.9 | 99.9 | 61.2 | 80 |
| 51.8 | 116.3 | 14815.4 | 125.0 | -54.6 | -49.9 | 265.7 | 25.6 | 25.3 | 1.9 | 424.9 | 424.9 | 99.9 | 99.9 | 66.9 | 80 |
| 56.1 | 125.7 | 16250.6 | 100.0 | -53.2 | -49.9 | 259.0 | 26.4 | 25.9 | 5.0 | 449.3 | 449.3 | 99.9 | 99.9 | 73.0 | 80 |
| 61.5 | 136.0 | 18099.3 | 75.0 | -58.9 | -49.9 | 286.1 | 19.1 | 18.4 | -5.3 | 449.3 | 449.3 | 99.9 | 99.9 | 80.2 | 80 |
| 66.0 | 147.0 | 20880.9 | 50.0 | -52.4 | -49.9 | 345.3 | 1.4 | 0.4 | -1.4 | 520.0 | 520.0 | 99.9 | 99.9 | 84.0 | 80 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 654
MURON. S D24 APRIL 1975
1415 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO GM/HC | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.4 | 392.0 | 966.1 | 7.8 | 5.6 | 180.0 | 3.1 | 0.0 | 3.1 | 284.5 | 299.8 | 5.9 | 86.0 | 0.0 | 0 |
| 99.9 | 99.9 | 59.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 10.6 | 531.2 | 950.0 | 8.2 | 0.2 | 178.2 | 8.0 | -0.8 | 7.9 | 286.3 | 302.6 | 5.3 | 87.5 | 0.2 | 0 |
| 1.3 | 13.2 | 751.4 | 925.0 | 7.5 | 4.5 | 177.7 | 9.0 | -0.4 | 9.0 | 287.7 | 302.8 | 5.7 | 81.3 | 0.5 | 35.7 |
| 2.0 | 15.5 | 976.8 | 900.0 | 5.8 | 4.5 | 176.1 | 8.5 | -0.6 | 8.5 | 288.3 | 303.8 | 5.9 | 91.4 | 0.9 | 35.7 |
| 2.8 | 17.8 | 1207.2 | 875.0 | 4.5 | 4.2 | 184.3 | 6.4 | 0.5 | 6.4 | 289.2 | 304.8 | 5.9 | 98.0 | 1.3 | 35.7 |
| 3.8 | 20.3 | 1442.5 | 850.0 | 3.9 | 3.7 | 208.2 | 6.4 | 3.0 | 5.6 | 291.0 | 306.6 | 5.9 | 98.6 | 1.6 | 0 |
| 4.6 | 22.6 | 1687.9 | 825.0 | 6.9 | 2.3 | 245.9 | 8.6 | 7.8 | 3.5 | 296.6 | 311.7 | 5.5 | 72.7 | 1.9 | 8 |
| 5.5 | 25.2 | 1541.0 | 800.0 | 6.1 | 0.9 | 254.9 | 7.6 | 7.3 | 2.0 | 298.3 | 312.5 | 5.1 | 69.0 | 2.1 | 19 |
| 6.4 | 27.7 | 2200.7 | 775.0 | 4.6 | -0.0 | 265.4 | 9.4 | 9.3 | 0.7 | 299.3 | 313.1 | 4.9 | 72.1 | 2.4 | 29 |
| 7.2 | 30.3 | 2467.5 | 750.0 | 3.1 | -2.0 | 254.1 | 8.4 | 8.0 | 2.3 | 300.5 | 312.9 | 4.4 | 69.1 | 2.7 | 37 |
| 8.1 | 33.1 | 2741.9 | 725.0 | 1.5 | -4.0 | 245.2 | 7.7 | 6.9 | 3.2 | 301.6 | 312.9 | 3.9 | 66.8 | 3.0 | 41 |
| 9.1 | 35.7 | 3023.5 | 700.0 | -1.0 | -5.2 | 241.8 | 7.7 | 6.8 | 3.7 | 301.9 | 312.6 | 3.7 | 72.8 | 3.5 | 43 |
| 10.0 | 38.4 | 3313.0 | 675.0 | -3.2 | -5.3 | 242.4 | 8.0 | 7.1 | 3.7 | 302.6 | 314.4 | 4.1 | 91.5 | 3.9 | 45 |
| 11.0 | 41.1 | 3610.9 | 650.0 | -5.5 | -7.3 | 241.3 | 9.3 | 8.2 | 4.5 | 303.1 | 313.0 | 3.4 | 87.5 | 4.3 | 47 |
| 11.9 | 44.0 | 3917.5 | 625.0 | -7.9 | -9.1 | 240.4 | 10.0 | 9.0 | 4.3 | 303.7 | 312.7 | 3.1 | 90.4 | 4.9 | 49 |
| 13.1 | 47.3 | 4233.6 | 600.0 | -10.4 | -13.0 | 251.4 | 9.9 | 9.4 | 3.1 | 304.3 | 311.3 | 2.3 | 81.2 | 5.5 | 51 |
| 14.1 | 50.1 | 4560.4 | 575.0 | -12.7 | -15.6 | 254.4 | 10.1 | 9.7 | 2.7 | 305.4 | 311.3 | 2.0 | 78.7 | 6.1 | 53 |
| 15.3 | 53.1 | 4898.3 | 550.0 | -15.2 | -22.7 | 246.7 | 10.4 | 9.6 | 4.1 | 306.2 | 309.7 | 1.1 | 52.4 | 6.8 | 56 |
| 16.4 | 56.0 | 5248.4 | 525.0 | -17.4 | -26.9 | 237.8 | 9.8 | 8.3 | 5.2 | 307.6 | 310.6 | 1.0 | 51.6 | 7.5 | 58 |
| 17.8 | 58.4 | 5612.2 | 500.0 | -20.3 | -28.6 | 227.0 | 10.8 | 7.9 | 7.4 | 308.3 | 311.0 | 0.8 | 55.4 | 8.3 | 56 |
| 19.1 | 62.9 | 5990.1 | 475.0 | -23.2 | -32.6 | 224.8 | 12.5 | 8.8 | 8.9 | 309.3 | 311.0 | 0.5 | 41.7 | 9.3 | 55 |
| 20.5 | 66.1 | 6383.7 | 450.0 | -26.1 | -33.0 | 230.0 | 11.5 | 9.3 | 6.7 | 310.4 | 312.2 | 0.5 | 51.9 | 10.2 | 54 |
| 21.8 | 69.7 | 6795.1 | 425.0 | -28.6 | -42.7 | 240.8 | 13.0 | 12.1 | 4.8 | 312.2 | 312.7 | 0.1 | 15.2 | 11.1 | 54 |
| 23.2 | 73.2 | 7226.5 | 400.0 | -31.8 | -43.2 | 247.7 | 16.9 | 15.6 | 6.4 | 313.7 | 314.4 | 0.2 | 31.1 | 12.3 | 56 |
| 24.8 | 77.2 | 7479.7 | 375.0 | -35.2 | -48.3 | 241.7 | 21.5 | 19.9 | 10.2 | 314.9 | 315.4 | 0.1 | 24.6 | 14.1 | 57 |
| 26.3 | 80.9 | 8157.5 | 350.0 | -38.3 | -64.4 | 240.4 | 23.8 | 18.4 | 11.2 | 317.0 | 317.1 | 0.0 | 4.9 | 16.4 | 58 |
| 28.0 | 85.1 | 8662.4 | 325.0 | -42.7 | -69.9 | 240.8 | 28.5 | 22.5 | 9.7 | 317.8 | 309.9 | 99.9 | 99.9 | 18.9 | 59 |
| 29.8 | 89.4 | 9157.7 | 300.0 | -46.9 | -99.9 | 244.2 | 27.9 | 25.1 | 12.2 | 319.3 | 309.9 | 99.9 | 99.9 | 21.7 | 60 |
| 31.7 | 94.0 | 9768.3 | 275.0 | -51.6 | -99.9 | 242.6 | 26.8 | 23.5 | 12.2 | 320.6 | 309.9 | 99.9 | 99.9 | 24.8 | 60 |
| 33.6 | 98.8 | 10380.7 | 250.0 | -56.2 | -99.9 | 243.6 | 27.6 | 26.7 | 12.2 | 322.5 | 309.9 | 99.9 | 99.9 | 27.9 | 61 |
| 35.7 | 103.9 | 11045.3 | 225.0 | -58.4 | -99.9 | 241.6 | 30.0 | 26.4 | 14.3 | 329.0 | 309.9 | 99.9 | 99.9 | 31.6 | 61 |
| 38.4 | 109.5 | 11790.1 | 200.0 | -54.9 | -99.9 | 256.7 | 24.0 | 23.3 | 5.5 | 315.8 | 309.9 | 99.9 | 99.9 | 36.2 | 62 |
| 41.4 | 115.4 | 12642.0 | 175.0 | -55.3 | -99.9 | 242.0 | 22.0 | 19.4 | 10.4 | 338.7 | 309.9 | 99.9 | 99.9 | 40.0 | 62 |
| 44.7 | 122.0 | 13226.9 | 150.0 | -54.2 | -99.9 | 246.0 | 22.7 | 21.0 | 8.5 | 376.7 | 309.9 | 99.9 | 99.9 | 44.7 | 63 |
| 48.6 | 129.3 | 14794.2 | 125.0 | -54.2 | -99.9 | 257.2 | 22.7 | 21.8 | 4.9 | 366.9 | 309.9 | 99.9 | 99.9 | 50.1 | 63 |
| 53.4 | 136.7 | 16232.6 | 100.0 | -53.7 | -99.9 | 269.8 | 19.4 | 19.4 | 0.1 | 423.9 | 309.9 | 99.9 | 99.9 | 55.3 | 65 |
| 59.4 | 144.3 | 18094.8 | 75.0 | -52.6 | -99.9 | 204.4 | 11.4 | 4.7 | 10.4 | 482.7 | 309.9 | 99.9 | 99.9 | 60.4 | 66 |
| 67.3 | 152.7 | 20698.5 | 50.0 | -52.6 | -99.9 | 254.8 | 5.1 | 4.9 | 1.3 | 519.5 | 309.9 | 99.9 | 99.9 | 62.3 | 68 |
| 78.9 | 161.0 | 23203.8 | 25.0 | -50.5 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 639.5 | 309.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 655
ST CLOUD, MINN24 APRIL 1975
1433 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.3 | 316.0 | 978.7 | 6.8 | 4.3 | 80.0 | 3.6 | -3.5 | -0.6 | 282.4 | 296.1 | 5.3 | 84.0 | 0.0 | 0. |
| 99.9 | 55.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 6.6 | 367.2 | 975.0 | 6.5 | 4.3 | 99.4 | 3.6 | -3.6 | 0.6 | 282.4 | 296.1 | 5.3 | 85.6 | 0.1 | 317. |
| 0.7 | 8.6 | 560.1 | 950.0 | 4.8 | 4.0 | 113.5 | 4.4 | -4.0 | 1.7 | 282.8 | 296.7 | 5.4 | 94.1 | 0.3 | 265. |
| 1.3 | 10.6 | 777.1 | 925.0 | 2.9 | 2.8 | 91.1 | 5.3 | -5.3 | 0.1 | 282.9 | 296.1 | 5.1 | 100.1 | 0.4 | 272. |
| 1.9 | 12.7 | 998.7 | 900.0 | 1.5 | 1.5 | 95.8 | 6.9 | -6.9 | 0.7 | 283.7 | 296.1 | 4.8 | 102.1 | 0.7 | 263. |
| 2.5 | 14.5 | 1226.4 | 875.0 | 2.5 | 1.3 | 114.3 | 6.5 | -5.9 | 2.7 | 287.0 | 299.7 | 4.8 | 91.8 | 0.9 | 274. |
| 3.3 | 17.0 | 1461.1 | 850.0 | 2.0 | -1.3 | 104.4 | 5.3 | -5.1 | 1.3 | 288.8 | 299.9 | 4.1 | 78.8 | 1.2 | 279. |
| 3.9 | 19.3 | 1702.2 | 825.0 | 1.2 | -1.6 | 99.7 | 5.6 | -5.6 | 1.0 | 290.4 | 301.6 | 4.1 | 61.5 | 1.4 | 278. |
| 4.7 | 21.4 | 1949.4 | 800.0 | -0.1 | -2.4 | 116.5 | 2.4 | -2.2 | 1.1 | 291.5 | 302.6 | 4.1 | 85.2 | 1.6 | 279. |
| 5.4 | 23.8 | 2203.8 | 775.0 | 1.7 | -18.7 | 309.9 | 2.0 | 1.6 | -1.3 | 293.8 | 299.2 | 1.1 | 20.3 | 1.8 | 290. |
| 6.2 | 26.0 | 2468.3 | 750.0 | 1.9 | -18.7 | 308.3 | 3.4 | 2.7 | -2.1 | 298.7 | 302.3 | 1.2 | 19.9 | 1.5 | 276. |
| 6.9 | 28.5 | 2740.6 | 725.0 | -0.4 | -19.5 | 298.9 | 4.3 | 3.4 | -2.1 | 298.1 | 302.5 | 1.1 | 21.2 | 1.3 | 276. |
| 7.7 | 31.0 | 3020.2 | 700.0 | -2.0 | -22.1 | 292.0 | 5.1 | 4.8 | -1.9 | 300.4 | 303.3 | 0.9 | 19.6 | 1.1 | 268. |
| 8.6 | 33.7 | 3308.3 | 675.0 | -4.4 | -10.7 | 283.4 | 6.1 | 5.9 | -1.4 | 301.1 | 308.4 | 2.5 | 61.6 | 0.8 | 261. |
| 9.5 | 36.1 | 3608.6 | 650.0 | -6.3 | -12.8 | 273.0 | 6.0 | 6.0 | -0.3 | 302.1 | 308.5 | 2.2 | 59.9 | 0.5 | 248. |
| 10.3 | 38.3 | 3910.5 | 625.0 | -8.0 | -18.3 | 276.1 | 3.5 | 3.5 | -0.4 | 303.4 | 307.9 | 1.4 | 43.3 | 0.3 | 223. |
| 11.3 | 41.3 | 4226.5 | 600.0 | -9.9 | -41.6 | 10.7 | 5.0 | -0.9 | -0.9 | 305.6 | 305.2 | 0.2 | 5.4 | 0.3 | 206. |
| 12.3 | 44.2 | 4553.1 | 575.0 | -12.6 | -34.8 | 317.2 | 3.8 | 2.6 | -2.8 | 305.2 | 306.3 | 0.3 | 13.6 | 0.7 | 196. |
| 13.1 | 47.1 | 4890.3 | 550.0 | -15.5 | -30.9 | 280.5 | 11.6 | 11.4 | -2.1 | 305.7 | 307.4 | 0.5 | 25.2 | 0.8 | 177. |
| 14.3 | 50.1 | 5240.1 | 525.0 | -17.7 | -36.1 | 275.7 | 24.8 | 24.7 | -2.5 | 307.1 | 308.2 | 0.4 | 18.3 | 1.4 | 125. |
| 15.4 | 53.1 | 5603.1 | 500.0 | -20.6 | -41.1 | 282.5 | 12.2 | 11.9 | -2.6 | 310.0 | 310.7 | 0.2 | 16.6 | 4.2 | 109. |
| 16.5 | 56.2 | 5980.9 | 475.0 | -22.6 | -45.4 | 287.3 | 16.3 | 15.6 | -6.7 | 312.4 | 312.6 | 0.1 | 8.5 | 5.0 | 109. |
| 17.7 | 59.4 | 6375.5 | 450.0 | -24.5 | -49.4 | 291.8 | 11.6 | 10.8 | -6.7 | 312.4 | 312.6 | 0.1 | 13.6 | 8.5 | 109. |
| 19.3 | 62.9 | 6737.7 | 425.0 | -28.6 | -52.2 | 258.4 | 14.2 | 12.5 | -6.8 | 312.8 | 313.1 | 0.1 | 9.2 | 7.2 | 110. |
| 20.3 | 66.3 | 7218.5 | 400.0 | -32.4 | -54.3 | 260.3 | 14.6 | 14.6 | -6.6 | 313.0 | 313.2 | 0.1 | 13.6 | 8.5 | 109. |
| 21.7 | 70.0 | 7665.5 | 375.0 | -36.7 | -56.5 | 261.9 | 18.2 | 18.2 | -6.4 | 313.7 | 313.7 | 99.9 | 99.9 | 9.4 | 107. |
| 23.2 | 73.7 | 8143.5 | 350.0 | -40.8 | -59.9 | 271.3 | 18.2 | 18.2 | -6.4 | 313.7 | 313.7 | 99.9 | 99.9 | 11.7 | 108. |
| 24.7 | 77.4 | 8643.1 | 325.0 | -45.0 | -64.6 | 266.0 | 25.7 | 25.6 | 1.8 | 313.7 | 313.7 | 99.9 | 99.9 | 14.7 | 100. |
| 26.5 | 81.3 | 9174.0 | 300.0 | -47.6 | -69.9 | 264.5 | 27.9 | 27.8 | 2.7 | 313.7 | 313.7 | 99.9 | 99.9 | 17.7 | 97. |
| 28.5 | 86.3 | 9744.9 | 275.0 | -50.8 | -74.9 | 261.9 | 28.1 | 27.9 | 4.0 | 313.7 | 313.7 | 99.9 | 99.9 | 21.4 | 94. |
| 30.6 | 91.0 | 10300.5 | 250.0 | -54.8 | -79.9 | 252.4 | 30.7 | 29.3 | 9.3 | 313.7 | 313.7 | 99.9 | 99.9 | 25.4 | 89. |
| 32.6 | 95.8 | 11027.9 | 225.0 | -58.4 | -84.9 | 250.4 | 34.7 | 32.7 | 11.7 | 313.7 | 313.7 | 99.9 | 99.9 | 30.4 | 83. |
| 35.5 | 101.3 | 11769.4 | 200.0 | -58.3 | -89.9 | 256.5 | 26.3 | 25.5 | 6.1 | 313.7 | 313.7 | 99.9 | 99.9 | 34.6 | 86. |
| 38.5 | 107.5 | 12605.6 | 175.0 | -58.5 | -94.9 | 247.5 | 26.7 | 24.7 | 10.2 | 313.7 | 313.7 | 99.9 | 99.9 | 40.4 | 83. |
| 42.0 | 114.5 | 13508.8 | 150.0 | -52.8 | -99.9 | 257.6 | 22.3 | 21.7 | 4.8 | 313.7 | 313.7 | 99.9 | 99.9 | 45.0 | 83. |
| 45.9 | 121.7 | 14758.2 | 125.0 | -55.1 | -99.9 | 258.8 | 22.3 | 21.9 | 4.3 | 313.7 | 313.7 | 99.9 | 99.9 | 49.9 | 84. |
| 50.6 | 130.0 | 16189.9 | 100.0 | -52.4 | -99.9 | 268.4 | 15.3 | 15.3 | 0.4 | 426.5 | 99.9 | 99.9 | 99.9 | 55.7 | 82. |
| 56.3 | 135.5 | 18048.6 | 75.0 | -54.4 | -99.9 | 250.1 | 18.8 | 17.7 | 6.4 | 458.8 | 99.9 | 99.9 | 99.9 | 59.0 | 82. |
| 63.5 | 150.0 | 20425.4 | 50.0 | -56.2 | -99.9 | 246.0 | 4.6 | 4.2 | 1.9 | 511.0 | 99.9 | 99.9 | 99.9 | 59.6 | 82. |
| 74.7 | 161.5 | 25116.1 | 25.0 | -52.5 | -99.9 | 351.7 | 8.5 | 0.9 | -6.4 | 634.0 | 99.9 | 99.9 | 99.9 | 59.6 | 82. |

ORIGINAL PAGE IS
OF POOR QUALITY

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 662
RAPID CITY, S D24 APRIL 1975
1415 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PHES MB | TEMP DG C | CEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCMP M/SEC | POT Y DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 15.6 | 96.0 | 900.1 | 8.3 | 4.7 | 120.0 | 4.1 | -3.6 | 2.0 | 290.2 | 306.7 | 6.0 | 78.0 | 0.0 | 0.0 |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 9.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 15.6 | 96.0 | 900.0 | 8.3 | 4.6 | 99.9 | 99.9 | 99.9 | 99.9 | 290.9 | 306.7 | 5.9 | 77.5 | 99.9 | 99.9 |
| 0.7 | 18.0 | 1200.2 | 875.0 | 8.1 | -0.1 | 99.9 | 99.9 | 99.9 | 99.9 | 292.7 | 304.6 | 4.3 | 56.2 | 99.9 | 99.9 |
| 1.5 | 20.5 | 1438.9 | 850.0 | 6.2 | -1.0 | 99.9 | 99.9 | 99.9 | 99.9 | 293.1 | 304.6 | 4.2 | 50.1 | 99.9 | 99.9 |
| 2.4 | 22.9 | 1622.7 | 825.0 | 4.0 | -1.4 | 290.2 | 10.8 | 9.8 | -4.6 | 293.6 | 304.6 | 4.4 | 60.8 | 1.5 | 12.5 |
| 3.1 | 25.4 | 1922.3 | 800.0 | 1.8 | -1.2 | 290.0 | 13.3 | 12.5 | -4.5 | 293.6 | 305.6 | 4.4 | 95.2 | 2.2 | 120.0 |
| 3.9 | 27.9 | 2167.3 | 775.0 | -0.7 | -1.4 | 292.2 | 18.4 | 17.0 | -7.0 | 293.6 | 305.6 | 4.5 | 95.2 | 3.2 | 118.0 |
| 4.7 | 30.7 | 2448.7 | 750.0 | -2.8 | -2.9 | 297.3 | 20.5 | 18.2 | -5.4 | 294.1 | 305.6 | 4.1 | 99.5 | 4.2 | 112.0 |
| 5.5 | 33.3 | 2716.7 | 725.0 | -4.8 | -4.9 | 300.4 | 19.5 | 16.8 | -9.9 | 294.7 | 304.9 | 3.7 | 99.0 | 4.2 | 112.0 |
| 6.3 | 37.0 | 2992.4 | 700.0 | -5.8 | -6.7 | 295.8 | 19.1 | 17.2 | -8.3 | 296.5 | 305.9 | 3.3 | 93.5 | 5.1 | 119.0 |
| 7.1 | 39.8 | 3277.2 | 675.0 | -7.2 | -8.5 | 290.7 | 19.2 | 18.0 | -6.8 | 298.0 | 306.5 | 3.0 | 90.5 | 6.1 | 118.0 |
| 7.9 | 41.4 | 3570.5 | 650.0 | -9.6 | -10.3 | 289.5 | 20.1 | 19.9 | -6.7 | 298.4 | 306.1 | 2.7 | 95.1 | 7.0 | 117.0 |
| 8.7 | 44.4 | 3872.7 | 625.0 | -11.1 | -12.3 | 286.2 | 21.7 | 20.8 | -6.1 | 300.0 | 307.0 | 2.4 | 91.3 | 7.9 | 116.0 |
| 9.4 | 47.4 | 4125.9 | 600.0 | -12.2 | -15.2 | 281.0 | 22.6 | 22.2 | -4.3 | 302.2 | 307.6 | 1.8 | 72.0 | 8.9 | 114.0 |
| 10.2 | 50.4 | 4510.1 | 575.0 | -14.8 | -18.0 | 275.4 | 22.7 | 22.6 | -2.3 | 302.8 | 307.7 | 1.6 | 76.4 | 10.0 | 113.0 |
| 11.0 | 53.5 | 4844.8 | 550.0 | -17.7 | -19.5 | 271.3 | 22.9 | 22.9 | -0.5 | 303.2 | 307.7 | 1.5 | 85.9 | 10.9 | 111.0 |
| 11.8 | 56.3 | 5191.1 | 525.0 | -20.4 | -21.9 | 268.4 | 22.9 | 22.9 | 0.6 | 304.0 | 307.9 | 1.3 | 88.1 | 12.1 | 109.0 |
| 12.6 | 59.9 | 5550.7 | 500.0 | -22.8 | -24.5 | 278.3 | 22.5 | 22.5 | -0.1 | 305.3 | 308.6 | 1.0 | 85.7 | 13.6 | 106.0 |
| 13.0 | 63.4 | 5925.1 | 475.0 | -25.5 | -26.6 | 270.3 | 25.5 | 25.2 | -3.7 | 306.5 | 308.9 | 0.8 | 74.7 | 16.2 | 104.0 |
| 13.9 | 66.7 | 6315.5 | 450.0 | -27.9 | -35.1 | 281.5 | 24.3 | 23.8 | -4.9 | 308.2 | 309.6 | 0.4 | 49.8 | 14.9 | 104.0 |
| 14.9 | 70.4 | 6723.7 | 425.0 | -31.3 | -40.0 | 282.0 | 23.2 | 22.7 | -4.8 | 308.9 | 309.9 | 0.3 | 41.6 | 20.6 | 104.0 |
| 15.0 | 74.0 | 7150.2 | 400.0 | -34.6 | -46.9 | 284.8 | 23.4 | 22.6 | -6.0 | 309.9 | 310.4 | 0.1 | 27.3 | 22.1 | 104.0 |
| 16.7 | 77.9 | 7598.5 | 375.0 | -37.3 | -59.9 | 288.6 | 24.6 | 23.3 | -7.9 | 312.1 | 312.2 | 0.0 | 7.4 | 23.9 | 104.0 |
| 17.9 | 81.9 | 8071.3 | 350.0 | -41.0 | 99.9 | 284.1 | 25.3 | 23.0 | -10.3 | 313.5 | 999.9 | 99.9 | 99.9 | 24.9 | 105.0 |
| 18.0 | 85.0 | 8573.2 | 325.0 | -43.6 | 99.9 | 273.6 | 19.4 | 19.4 | -1.2 | 316.6 | 999.9 | 99.9 | 99.9 | 34.4 | 101.0 |
| 19.0 | 88.0 | 9066.5 | 300.0 | -47.0 | 99.9 | 258.0 | 24.5 | 24.0 | 5.1 | 319.2 | 999.9 | 99.9 | 99.9 | 36.9 | 99.0 |
| 20.2 | 91.9 | 9561.6 | 275.0 | -46.4 | 99.9 | 252.5 | 15.0 | 14.3 | 4.5 | 328.0 | 999.9 | 99.9 | 99.9 | 40.0 | 97.0 |
| 21.7 | 95.9 | 10311.9 | 250.0 | -48.7 | 99.9 | 256.9 | 17.9 | 17.5 | 4.1 | 332.2 | 999.9 | 99.9 | 99.9 | 42.5 | 97.0 |
| 22.8 | 100.2 | 10998.3 | 225.0 | -51.8 | 99.9 | 258.4 | 20.5 | 20.2 | 0.2 | 346.2 | 999.9 | 99.9 | 99.9 | 45.1 | 95.0 |
| 23.4 | 111.0 | 11757.7 | 200.0 | -54.7 | 99.9 | 264.2 | 16.5 | 16.4 | -1.8 | 358.6 | 999.9 | 99.9 | 99.9 | 49.9 | 92.0 |
| 24.9 | 117.0 | 12609.9 | 175.0 | -55.3 | 99.9 | 276.2 | 16.5 | 16.4 | 14.7 | 373.3 | 999.9 | 99.9 | 99.9 | 54.1 | 91.0 |
| 26.9 | 124.0 | 13597.6 | 150.0 | -56.2 | 99.9 | 231.8 | 24.8 | 19.4 | 5.4 | 397.6 | 999.9 | 99.9 | 99.9 | 58.4 | 89.0 |
| 28.9 | 131.3 | 14750.4 | 125.0 | -53.8 | 99.9 | 234.5 | 20.1 | 19.4 | 4.7 | 420.5 | 999.9 | 99.9 | 99.9 | 59.5 | 89.0 |
| 31.3 | 135.4 | 15998.3 | 100.0 | -55.5 | 99.9 | 235.1 | 18.2 | 17.6 | 3.0 | 467.7 | 999.9 | 99.9 | 99.9 | 59.5 | 89.0 |
| 33.4 | 147.3 | 16186.9 | 75.0 | -50.2 | 99.9 | 233.8 | 5.1 | 4.1 | -0.2 | 515.9 | 999.9 | 99.9 | 99.9 | 59.5 | 89.0 |
| 35.6 | 157.3 | 16940.5 | 50.0 | -54.2 | 99.9 | 272.9 | 4.2 | 4.2 | -1.2 | 638.7 | 999.9 | 99.9 | 99.9 | 59.5 | 89.0 |
| 38.7 | 164.0 | 17474.6 | 25.0 | -50.8 | 99.9 | 333.7 | 1.3 | 0.6 | -1.2 | 638.7 | 999.9 | 99.9 | 99.9 | 59.5 | 89.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER24 APRIL 1975
1402 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT Y DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.9 | 183.0 | 997.0 | 21.1 | 16.9 | 200.0 | 4.2 | 1.4 | 3.9 | 296.2 | 329.3 | 12.3 | 77.0 | 0.0 | 0. |
| 99.9 | 99.9 | 59.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 7.8 | 373.1 | 975.0 | 19.3 | 16.6 | 202.4 | 10.7 | 4.1 | 9.8 | 296.2 | 328.5 | 12.3 | 84.6 | 0.4 | 15. |
| 1.6 | 5.9 | 596.2 | 950.0 | 17.0 | 16.0 | 212.2 | 13.3 | 7.1 | 11.2 | 296.2 | 328.0 | 12.3 | 94.1 | 0.9 | 21. |
| 2.4 | 12.0 | 823.4 | 925.0 | 14.7 | 14.0 | 216.8 | 15.1 | 9.1 | 12.1 | 295.8 | 324.6 | 11.0 | 96.0 | 1.6 | 28. |
| 3.2 | 14.3 | 1055.8 | 900.0 | 14.4 | 13.5 | 224.2 | 18.6 | 13.0 | 13.4 | 297.8 | 326.8 | 10.9 | 94.5 | 2.4 | 32. |
| 3.9 | 16.4 | 1294.3 | 875.0 | 13.3 | 11.8 | 230.0 | 20.4 | 15.6 | 13.1 | 298.9 | 325.8 | 10.0 | 90.8 | 3.3 | 36. |
| 4.8 | 18.7 | 1577.2 | 850.0 | 12.4 | 10.3 | 233.0 | 20.0 | 16.0 | 12.1 | 300.3 | 325.6 | 9.3 | 87.4 | 4.3 | 40. |
| 5.8 | 20.9 | 1777.4 | 825.0 | 11.0 | 9.5 | 236.2 | 20.4 | 16.6 | 12.0 | 301.4 | 326.2 | 9.1 | 90.4 | 5.4 | 43. |
| 6.6 | 23.3 | 2044.1 | 800.0 | 9.4 | 7.8 | 239.7 | 21.5 | 17.3 | 12.7 | 302.3 | 325.2 | 8.4 | 89.9 | 6.5 | 45. |
| 7.6 | 25.7 | 2308.9 | 775.0 | 7.9 | 6.2 | 239.1 | 18.9 | 16.2 | 9.7 | 303.3 | 324.7 | 7.7 | 89.0 | 7.6 | 46. |
| 8.5 | 28.1 | 2578.9 | 750.0 | 5.7 | 3.8 | 247.0 | 15.7 | 14.5 | 6.1 | 303.7 | 322.5 | 6.7 | 87.6 | 8.7 | 48. |
| 9.6 | 30.7 | 2856.0 | 725.0 | 4.1 | 3.0 | 252.2 | 15.0 | 14.3 | 4.6 | 304.9 | 321.4 | 6.6 | 92.5 | 9.5 | 50. |
| 10.6 | 33.3 | 3141.9 | 700.0 | 4.8 | -18.3 | 251.3 | 20.8 | 19.7 | 6.7 | 307.9 | 312.0 | 1.3 | 17.0 | 10.4 | 53. |
| 11.7 | 35.8 | 3438.3 | 675.0 | 4.4 | -16.7 | 250.5 | 26.7 | 25.2 | 8.9 | 310.8 | 315.6 | 1.5 | 20.0 | 12.0 | 55. |
| 12.9 | 38.6 | 3744.0 | 650.0 | 1.8 | -11.2 | 253.6 | 28.5 | 27.3 | 6.1 | 311.4 | 319.0 | 2.5 | 37.4 | 13.9 | 57. |
| 14.0 | 41.2 | 4056.3 | 625.0 | -0.4 | -8.9 | 258.6 | 28.9 | 27.8 | 7.7 | 312.5 | 323.5 | 3.7 | 61.4 | 15.7 | 59. |
| 15.2 | 44.1 | 4385.5 | 600.0 | -1.8 | -6.4 | 254.9 | 24.7 | 23.8 | 6.4 | 314.5 | 326.5 | 4.0 | 70.8 | 17.8 | 61. |
| 16.5 | 47.0 | 4722.8 | 575.0 | -4.4 | -14.7 | 254.9 | 23.1 | 22.5 | 5.2 | 315.1 | 321.8 | 2.1 | 44.0 | 17.4 | 62. |
| 17.8 | 50.1 | 5071.1 | 550.0 | -7.7 | -19.6 | 262.2 | 20.1 | 19.9 | 2.7 | 315.0 | 319.8 | 1.5 | 39.2 | 21.1 | 64. |
| 19.1 | 53.0 | 5431.2 | 525.0 | -10.6 | -25.4 | 261.1 | 22.1 | 21.8 | 3.4 | 315.8 | 318.8 | 0.9 | 28.2 | 22.6 | 65. |
| 20.3 | 55.1 | 5804.0 | 500.0 | -14.3 | -25.5 | 259.5 | 25.4 | 25.0 | 4.6 | 315.7 | 319.8 | 1.0 | 38.0 | 24.2 | 66. |
| 21.1 | 56.4 | 6191.4 | 475.0 | -16.0 | -60.1 | 260.1 | 28.1 | 27.7 | 4.9 | 318.1 | 318.2 | 0.0 | 1.0 | 25.5 | 67. |
| 22.8 | 62.9 | 6596.4 | 450.0 | -18.8 | -61.9 | 262.9 | 21.3 | 21.1 | 2.6 | 319.5 | 319.6 | 0.0 | 1.0 | 27.7 | 68. |
| 24.3 | 65.2 | 7019.5 | 425.0 | -22.0 | -63.9 | 259.6 | 24.3 | 23.9 | 4.4 | 320.8 | 320.8 | 0.0 | 1.0 | 25.7 | 69. |
| 25.9 | 70.0 | 7462.5 | 400.0 | -24.9 | -65.9 | 266.1 | 24.3 | 24.3 | 1.7 | 322.5 | 322.6 | 0.0 | 1.0 | 31.9 | 70. |
| 27.6 | 73.7 | 7924.9 | 375.0 | -28.1 | -67.9 | 269.8 | 23.1 | 23.1 | 0.1 | 324.3 | 324.4 | 0.0 | 1.0 | 34.2 | 71. |
| 29.3 | 77.7 | 8420.5 | 350.0 | -31.9 | -70.4 | 268.2 | 23.9 | 25.8 | 0.8 | 325.6 | 325.7 | 0.0 | 1.0 | 36.6 | 72. |
| 31.0 | 81.8 | 8938.9 | 325.0 | -36.6 | -73.6 | 264.1 | 27.0 | 26.8 | 2.8 | 326.1 | 326.1 | 0.0 | 1.0 | 39.5 | 73. |
| 32.7 | 86.0 | 9487.5 | 300.0 | -41.4 | -76.9 | 265.7 | 29.5 | 29.4 | 2.2 | 327.0 | 327.0 | 99.9 | 99.9 | 42.0 | 74. |
| 34.4 | 90.8 | 10072.4 | 275.0 | -46.1 | -80.9 | 272.5 | 26.9 | 26.9 | -1.2 | 328.5 | 328.5 | 99.9 | 99.9 | 45.0 | 75. |
| 36.4 | 95.7 | 10668.9 | 250.0 | -51.2 | -84.9 | 271.0 | 26.5 | 26.5 | -0.5 | 330.0 | 330.0 | 99.9 | 99.9 | 48.1 | 76. |
| 37.7 | 101.0 | 11376.4 | 225.0 | -55.1 | -88.9 | 275.4 | 23.9 | 23.8 | -2.3 | 330.0 | 330.0 | 99.9 | 99.9 | 51.9 | 77. |
| 41.1 | 106.8 | 12121.9 | 200.0 | -59.4 | -92.9 | 282.9 | 29.5 | 28.7 | -6.6 | 338.8 | 338.8 | 99.9 | 99.9 | 54.7 | 79. |
| 43.5 | 113.0 | 12951.7 | 175.0 | -62.2 | -96.9 | 267.0 | 19.6 | 19.5 | 1.0 | 347.3 | 347.3 | 99.9 | 99.9 | 57.7 | 80. |
| 46.6 | 120.0 | 13908.1 | 150.0 | -60.1 | -98.9 | 262.7 | 38.2 | 37.9 | 4.8 | 366.6 | 366.6 | 99.9 | 99.9 | 63.5 | 82. |
| 49.8 | 127.9 | 15043.2 | 125.0 | -61.9 | -98.9 | 271.5 | 30.8 | 30.8 | -0.8 | 382.8 | 382.8 | 99.9 | 99.9 | 67.4 | 81. |
| 53.9 | 136.3 | 16403.6 | 100.0 | -66.8 | -99.9 | 272.4 | 22.6 | 22.6 | -0.9 | 398.6 | 398.6 | 99.9 | 99.9 | 74.7 | 82. |
| 58.8 | 145.0 | 18142.2 | 75.0 | -66.5 | -99.9 | 285.4 | 1.3 | 1.4 | -0.4 | 433.5 | 433.5 | 99.9 | 99.9 | 79.7 | 82. |
| 65.3 | 155.0 | 20627.2 | 50.0 | -57.9 | -99.9 | 304.9 | 5.2 | -3.4 | -4.0 | 507.1 | 507.1 | 99.9 | 99.9 | 81.1 | 83. |
| 76.0 | 165.3 | 25067.3 | 25.0 | -51.2 | -99.9 | 278.4 | 5.6 | 5.5 | -0.8 | 638.0 | 638.0 | 99.9 | 99.9 | 80.4 | 84. |

ORIGINAL PAGE IS
OF POOR QUALITY

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Sounding Data

24 April 1975

1800 GMT

ORIGINAL PAGE IS

ORIGINAL PAGE IS

STATION NO. 208
CHARLESTON, SC24 APRIL 1975
1800 GMT

| TIME MIN | CATCY | HEIGHT GFN | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ CG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.6 | 13.0 | 1021.0 | 24.3 | 13.8 | 210.0 | 8.2 | 4.1 | 7.1 | 297.0 | 323.1 | 9.8 | 52.0 | 0.0 | 0. |
| 0.4 | 6.1 | 194.4 | 1000.0 | 22.2 | 12.0 | 205.4 | 9.2 | 3.9 | 8.3 | 296.5 | 320.1 | 8.9 | 52.5 | 0.3 | 24. |
| 1.0 | 8.1 | 413.8 | 975.0 | 20.4 | 11.7 | 208.0 | 8.8 | 4.1 | 7.7 | 296.9 | 320.6 | 8.9 | 57.3 | 0.6 | 25. |
| 1.7 | 10.2 | 637.5 | 950.0 | 18.0 | 11.2 | 213.9 | 8.9 | 5.0 | 7.4 | 296.7 | 320.3 | 8.9 | 64.5 | 0.9 | 27. |
| 2.2 | 12.2 | 845.1 | 925.0 | 15.5 | 10.3 | 218.4 | 8.8 | 5.6 | 6.8 | 296.3 | 319.0 | 8.5 | 71.1 | 1.2 | 28. |
| 3.0 | 14.4 | 1096.9 | 900.0 | 12.9 | 9.2 | 226.3 | 7.8 | 5.7 | 5.4 | 295.8 | 317.7 | 8.2 | 78.7 | 1.6 | 32. |
| 4.1 | 16.3 | 1333.3 | 875.0 | 11.2 | 8.4 | 228.1 | 7.2 | 5.1 | 5.1 | 295.4 | 317.7 | 7.9 | 82.8 | 2.0 | 37. |
| 5.0 | 18.6 | 1575.3 | 850.0 | 10.6 | 7.6 | 228.2 | 6.7 | 5.0 | 4.5 | 293.9 | 312.0 | 5.1 | 53.7 | 2.4 | 38. |
| 5.9 | 20.7 | 1824.2 | 825.0 | 10.1 | 7.0 | 240.9 | 5.5 | 4.8 | 2.7 | 300.0 | 315.5 | 5.6 | 59.2 | 2.8 | 40. |
| 7.0 | 23.0 | 2079.6 | 800.0 | 9.3 | 6.1 | 241.6 | 5.1 | 4.5 | 2.4 | 301.4 | 309.0 | 2.6 | 28.3 | 3.0 | 42. |
| 8.1 | 25.3 | 2342.3 | 775.0 | 8.4 | 5.1 | 243.0 | 6.3 | 5.6 | 2.9 | 303.4 | 315.8 | 4.3 | 46.3 | 3.4 | 44. |
| 9.1 | 27.6 | 2613.2 | 750.0 | 7.5 | 4.1 | 246.5 | 7.1 | 6.6 | 2.6 | 305.4 | 320.1 | 5.1 | 59.2 | 3.8 | 46. |
| 10.2 | 30.0 | 2891.8 | 725.0 | 5.9 | 3.1 | 257.8 | 7.4 | 7.2 | 1.6 | 308.6 | 320.3 | 4.8 | 59.2 | 4.2 | 48. |
| 11.2 | 32.5 | 3178.9 | 700.0 | 4.5 | 2.1 | 261.1 | 6.3 | 6.2 | 1.3 | 308.1 | 320.8 | 4.4 | 57.6 | 4.7 | 52. |
| 12.3 | 35.1 | 3474.8 | 675.0 | 3.1 | 1.1 | 265.7 | 6.0 | 6.0 | 0.6 | 309.6 | 321.3 | 4.0 | 55.8 | 5.2 | 55. |
| 13.5 | 37.4 | 3779.9 | 650.0 | 1.1 | 0.4 | 276.0 | 9.1 | 9.1 | -0.9 | 310.7 | 321.6 | 3.7 | 57.2 | 5.6 | 59. |
| 14.9 | 40.1 | 4055.2 | 625.0 | 0.1 | -0.7 | 287.9 | 11.6 | 11.0 | -3.6 | 313.0 | 322.6 | 3.2 | 51.5 | 6.2 | 64. |
| 16.2 | 42.7 | 4421.0 | 600.0 | -2.7 | -1.1 | 292.1 | 12.6 | 11.7 | -4.7 | 313.4 | 321.7 | 2.7 | 52.2 | 7.0 | 70. |
| 17.5 | 45.5 | 4756.9 | 575.0 | -5.2 | -1.9 | 292.0 | 10.9 | 10.1 | -4.1 | 314.0 | 318.7 | 1.5 | 32.4 | 7.8 | 75. |
| 19.0 | 48.4 | 5104.4 | 550.0 | -7.9 | -2.5 | 302.8 | 11.2 | 9.4 | -6.0 | 314.9 | 318.9 | 1.2 | 32.3 | 8.4 | 79. |
| 20.3 | 51.3 | 5463.9 | 525.0 | -10.9 | -2.5 | 304.5 | 13.8 | 11.4 | -7.8 | 315.5 | 319.7 | 1.3 | 41.2 | 9.2 | 83. |
| 21.7 | 54.4 | 5837.4 | 500.0 | -12.2 | -3.5 | 306.8 | 12.0 | 9.9 | -6.7 | 318.2 | 319.5 | 0.4 | 12.5 | 10.8 | 88. |
| 23.2 | 57.4 | 6229.1 | 475.0 | -14.6 | -3.7 | 306.8 | 12.1 | 9.7 | -7.3 | 319.9 | 321.1 | 0.3 | 12.5 | 10.8 | 91. |
| 24.8 | 60.7 | 6635.8 | 450.0 | -17.0 | -3.9 | 302.9 | 12.0 | 10.1 | -6.5 | 321.8 | 322.9 | 0.3 | 12.8 | 11.9 | 94. |
| 26.4 | 64.1 | 7061.5 | 425.0 | -20.8 | -4.1 | 313.6 | 10.6 | 7.6 | -7.2 | 322.5 | 323.3 | 0.2 | 13.3 | 12.7 | 97. |
| 28.2 | 67.4 | 7506.8 | 400.0 | -24.5 | -4.3 | 308.0 | 10.6 | 8.6 | -6.2 | 323.1 | 323.8 | 0.2 | 13.7 | 13.7 | 99. |
| 30.1 | 71.0 | 7973.1 | 375.0 | -28.2 | -4.7 | 293.0 | 13.8 | 12.5 | -5.8 | 324.2 | 324.8 | 0.1 | 14.2 | 14.9 | 101. |
| 32.0 | 74.8 | 8463.8 | 350.0 | -32.6 | -5.5 | 293.4 | 16.2 | 14.9 | -6.4 | 324.7 | 325.1 | 0.1 | 14.7 | 16.8 | 102. |
| 34.2 | 79.0 | 8981.6 | 325.0 | -36.1 | -5.2 | 290.3 | 17.8 | 16.7 | -6.2 | 326.6 | 327.1 | 0.1 | 15.1 | 18.6 | 104. |
| 36.2 | 83.0 | 9532.5 | 300.0 | -40.2 | -5.9 | 292.2 | 19.0 | 17.6 | -7.2 | 328.8 | 329.9 | 99.9 | 99.9 | 21.1 | 104. |
| 38.4 | 87.2 | 10119.7 | 275.0 | -45.6 | -6.6 | 292.3 | 19.4 | 18.4 | -7.6 | 329.2 | 329.9 | 99.9 | 99.9 | 23.6 | 105. |
| 40.9 | 91.8 | 10747.3 | 250.0 | -51.0 | -7.9 | 285.2 | 19.5 | 19.0 | -4.1 | 330.2 | 329.9 | 99.9 | 99.9 | 24.7 | 106. |
| 43.8 | 96.9 | 11427.6 | 225.0 | -55.3 | -9.9 | 278.0 | 18.6 | 18.4 | -2.9 | 333.7 | 329.9 | 99.9 | 99.9 | 25.8 | 106. |
| 46.5 | 102.0 | 12169.5 | 200.0 | -60.5 | -9.9 | 276.3 | 22.5 | 22.3 | -2.5 | 337.0 | 329.9 | 99.9 | 99.9 | 33.1 | 104. |
| 49.6 | 106.0 | 12956.4 | 175.0 | -62.0 | -9.9 | 281.7 | 24.2 | 28.6 | -5.9 | 347.7 | 329.9 | 99.9 | 99.9 | 38.1 | 104. |
| 53.2 | 114.3 | 13958.0 | 150.0 | -59.1 | -9.9 | 288.5 | 29.6 | 28.1 | -9.4 | 368.3 | 329.9 | 99.9 | 99.9 | 44.1 | 103. |
| 57.4 | 121.5 | 15055.3 | 125.0 | -62.7 | -9.9 | 292.1 | 23.2 | 21.5 | -8.8 | 381.3 | 329.9 | 99.9 | 99.9 | 50.5 | 105. |
| 62.2 | 126.7 | 16448.5 | 100.0 | -65.2 | -9.9 | 278.0 | 13.7 | 13.6 | -1.0 | 394.1 | 329.9 | 99.9 | 99.9 | 56.4 | 105. |
| 68.2 | 138.3 | 18158.8 | 75.0 | -68.2 | -9.9 | 318.1 | 18.8 | 9.9 | -11.0 | 429.9 | 329.9 | 99.9 | 99.9 | 61.9 | 105. |
| 74.8 | 147.3 | 20648.0 | 50.0 | -60.0 | -9.9 | 138.1 | 9.9 | -0.6 | 0.6 | 502.1 | 329.9 | 99.9 | 99.9 | 62.1 | 106. |
| 99.0 | 99.0 | 99.0 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 211
TAMPA, FLA24 APRIL 1975
1730 GMT

180 17. 0

| TIME MIN | CNTCT | WEIGHT GPH | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT Y DEG K | E POT Y DEG K | MX RTO CM/SEC | OM PCT | RANGF KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|------------------|-----------|-------------|-----------|
| 0.0 | 4.3 | 0.0 | 1021.2 | 28.6 | 15.2 | 140.0 | 6.2 | -4.0 | 4.7 | 301.4 | 330.3 | 10.7 | 44.0 | 0.0 | 0. |
| 0.8 | 6.0 | 193.1 | 1000.0 | 45.2 | 11.6 | 160.5 | 6.3 | -2.1 | 5.9 | 299.5 | 322.9 | 8.6 | 42.8 | 0.4 | 330. |
| 1.6 | 8.2 | 414.8 | 975.0 | 23.0 | 11.3 | 148.8 | 4.8 | -2.5 | 4.1 | 299.5 | 323.0 | 8.7 | 47.7 | 0.7 | 337. |
| 2.4 | 10.4 | 640.8 | 950.0 | 21.1 | 10.8 | 143.3 | 5.6 | -3.4 | 4.3 | 299.8 | 323.2 | 8.6 | 51.5 | 0.9 | 334. |
| 3.2 | 12.5 | 876.9 | 925.0 | 18.9 | 10.1 | 136.7 | 5.8 | -3.0 | 4.3 | 299.8 | 322.7 | 8.4 | 56.5 | 1.2 | 332. |
| 4.0 | 14.7 | 1105.5 | 900.0 | 16.6 | 9.6 | 129.3 | 5.6 | -4.6 | 3.1 | 299.7 | 322.5 | 8.4 | 63.4 | 1.3 | 330. |
| 4.7 | 17.1 | 1345.0 | 875.0 | 14.4 | 8.9 | 102.9 | 7.4 | -7.2 | 1.7 | 299.9 | 322.2 | 8.2 | 69.1 | 1.6 | 321. |
| 5.6 | 19.5 | 1586.7 | 850.0 | 12.7 | 7.7 | 106.6 | 7.3 | -7.0 | 2.1 | 300.5 | 322.0 | 7.9 | 72.1 | 2.0 | 313. |
| 6.7 | 21.7 | 1840.3 | 825.0 | 10.8 | -12.7 | 121.9 | 7.6 | -6.5 | 4.0 | 302.3 | 307.6 | 1.7 | 15.6 | 2.4 | 310. |
| 7.6 | 24.1 | 2057.5 | 800.0 | 11.3 | -13.8 | 122.5 | 6.5 | -5.5 | 2.5 | 303.4 | 306.3 | 1.6 | 15.7 | 2.9 | 309. |
| 8.4 | 26.4 | 2361.7 | 775.0 | 9.7 | -15.0 | 108.3 | 4.2 | -4.0 | 1.3 | 304.4 | 309.1 | 1.5 | 15.8 | 3.1 | 308. |
| 9.7 | 29.0 | 2632.8 | 750.0 | 8.2 | -16.1 | 74.6 | 3.8 | -3.7 | -1.0 | 305.6 | 310.1 | 1.4 | 15.9 | 3.3 | 305. |
| 10.8 | 31.7 | 2912.8 | 725.0 | 6.2 | -16.1 | 33.2 | 2.4 | -1.3 | -2.0 | 308.7 | 313.4 | 1.5 | 15.9 | 3.4 | 302. |
| 11.8 | 34.4 | 3202.0 | 700.0 | 7.9 | -17.3 | 4.7 | 3.1 | -0.3 | -3.1 | 311.4 | 315.9 | 1.4 | 14.8 | 3.4 | 300. |
| 12.9 | 36.8 | 3501.2 | 675.0 | 6.7 | -14.9 | 358.3 | 3.2 | 0.1 | -3.2 | 313.4 | 319.0 | 1.8 | 19.6 | 3.3 | 298. |
| 14.1 | 35.7 | 3805.8 | 650.0 | 4.6 | -11.1 | 336.1 | 4.1 | 1.7 | -3.8 | 314.5 | 322.3 | 2.5 | 31.1 | 3.1 | 293. |
| 15.2 | 42.3 | 4128.4 | 625.0 | 2.7 | -8.6 | 336.2 | 6.2 | 2.7 | -5.6 | 315.9 | 325.7 | 3.2 | 43.1 | 2.5 | 289. |
| 16.4 | 45.2 | 4457.4 | 600.0 | 0.2 | -9.0 | 343.4 | 9.6 | 2.8 | -5.2 | 316.7 | 326.7 | 3.2 | 50.0 | 2.5 | 279. |
| 17.6 | 48.3 | 4752.2 | 575.0 | -2.1 | -11.4 | 345.7 | 10.8 | 2.7 | -10.5 | 317.8 | 326.5 | 2.8 | 49.0 | 2.3 | 265. |
| 18.8 | 51.1 | 5169.4 | 550.0 | -6.0 | -13.0 | 340.3 | 9.1 | 3.0 | -8.5 | 319.6 | 327.7 | 2.5 | 49.3 | 2.4 | 243. |
| 20.2 | 54.3 | 5515.4 | 525.0 | -5.9 | -16.4 | 324.3 | 7.9 | 4.6 | -6.4 | 321.5 | 328.0 | 2.9 | 43.1 | 2.5 | 220. |
| 21.6 | 57.3 | 5896.0 | 500.0 | -6.7 | -20.0 | 311.7 | 7.3 | 5.4 | -4.8 | 322.6 | 327.7 | 1.6 | 39.2 | 2.6 | 213. |
| 23.1 | 60.6 | 6291.0 | 475.0 | -12.2 | -21.3 | 308.2 | 7.6 | 5.9 | -6.7 | 323.0 | 327.8 | 1.5 | 46.4 | 2.7 | 198. |
| 24.6 | 64.0 | 6701.9 | 450.0 | -15.4 | -22.9 | 317.1 | 8.1 | 5.5 | -5.6 | 324.0 | 328.5 | 1.3 | 52.4 | 3.0 | 186. |
| 26.3 | 67.3 | 7131.0 | 425.0 | -18.7 | -26.9 | 312.4 | 8.7 | 6.4 | -5.9 | 325.0 | 328.4 | 1.0 | 48.4 | 3.5 | 177. |
| 27.7 | 70.8 | 7580.4 | 400.0 | -21.7 | -28.4 | 309.1 | 11.7 | 9.1 | -7.4 | 326.2 | 329.9 | 0.9 | 54.4 | 4.3 | 164. |
| 29.4 | 74.5 | 8053.8 | 375.0 | -24.3 | -33.2 | 296.0 | 12.8 | 11.5 | -5.6 | 329.5 | 331.6 | 0.6 | 43.1 | 5.3 | 158. |
| 31.2 | 78.4 | 8533.3 | 350.0 | -28.2 | -36.7 | 284.7 | 13.0 | 12.3 | -4.1 | 330.7 | 332.4 | 0.5 | 43.5 | 6.4 | 145. |
| 33.2 | 82.3 | 9080.9 | 325.0 | -32.2 | -43.4 | 272.4 | 16.9 | 15.7 | -6.4 | 332.2 | 333.2 | 0.2 | 31.4 | 7.7 | 141. |
| 35.3 | 86.5 | 9640.6 | 300.0 | -37.0 | -47.4 | 265.9 | 17.9 | 15.5 | -8.9 | 333.2 | 333.9 | 0.2 | 32.9 | 9.7 | 135. |
| 37.2 | 91.0 | 10236.2 | 275.0 | -42.1 | -59.9 | 303.0 | 19.0 | 15.9 | -10.3 | 334.3 | 333.9 | 99.9 | 99.9 | 11.9 | 133. |
| 39.3 | 95.6 | 10874.8 | 250.0 | -47.3 | -69.9 | 298.8 | 18.1 | 16.3 | -7.9 | 335.7 | 335.7 | 99.9 | 99.9 | 14.2 | 131. |
| 41.6 | 100.4 | 11562.7 | 225.0 | -53.1 | -99.9 | 295.7 | 22.2 | 20.0 | -9.6 | 337.1 | 337.1 | 99.9 | 99.9 | 16.7 | 128. |
| 44.2 | 105.3 | 12311.6 | 200.0 | -58.7 | -99.9 | 291.3 | 31.6 | 29.4 | -11.5 | 339.2 | 339.2 | 99.9 | 99.9 | 20.9 | 125. |
| 47.1 | 111.3 | 13134.6 | 175.0 | -64.1 | -99.9 | 293.7 | 30.0 | 28.0 | -10.6 | 344.1 | 344.1 | 99.9 | 99.9 | 26.6 | 122. |
| 50.4 | 117.5 | 14095.4 | 150.0 | -60.9 | -99.9 | 294.2 | 21.4 | 19.5 | -8.8 | 345.2 | 345.2 | 99.9 | 99.9 | 31.4 | 121. |
| 54.2 | 124.7 | 15217.1 | 125.0 | -65.2 | -99.9 | 283.1 | 18.5 | 18.1 | -4.2 | 346.9 | 346.9 | 99.9 | 99.9 | 35.7 | 119. |
| 59.6 | 132.3 | 16557.4 | 100.0 | -71.3 | -99.9 | 282.1 | 14.1 | 13.8 | -3.0 | 350.0 | 350.0 | 99.9 | 99.9 | 40.1 | 117. |
| 63.9 | 140.3 | 18242.9 | 75.0 | -72.3 | -99.9 | 333.6 | 7.5 | 3.3 | -6.7 | 421.3 | 421.3 | 99.9 | 99.9 | 43.9 | 114. |
| 71.4 | 148.0 | 20727.0 | 50.0 | -60.9 | -99.9 | 134.0 | 3.3 | -2.3 | 2.3 | 500.0 | 500.0 | 99.9 | 99.9 | 43.7 | 120. |
| 82.7 | 158.0 | 29125.3 | 25.0 | -51.3 | -99.9 | 25.6 | 6.6 | -2.8 | -5.8 | 637.1 | 637.1 | 99.9 | 99.9 | 44.6 | 121. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 213
WAYCROSS, GA24 APRIL 1975
1805 GMT

| TIME MIN | CATCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCOMP M/SEC | POT V DG K | E POT T DG K | MR RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|------------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 3.2 | 44.0 | 1016.4 | 27.9 | 10.1 | 180.0 | 4.1 | 0.0 | 4.1 | 300.7 | 321.0 | 7.7 | 33.0 | 0.0 | 0. |
| 0.3 | 5.1 | 187.2 | 1000.0 | 24.5 | 14.4 | 175.3 | 4.0 | -0.4 | 4.7 | 299.1 | 326.9 | 10.4 | 53.5 | 0.2 | 34. |
| 1.2 | 6.8 | 408.5 | 975.0 | 22.3 | 12.1 | 181.1 | 6.5 | 0.1 | 6.5 | 250.8 | 323.4 | 9.1 | 52.4 | 0.4 | 15. |
| 2.2 | 6.8 | 633.7 | 950.0 | 20.1 | 11.3 | 180.0 | 5.4 | 0.8 | 5.3 | 294.7 | 322.6 | 8.9 | 57.1 | 0.9 | 10. |
| 3.1 | 10.9 | 863.3 | 925.0 | 18.1 | 11.4 | 180.4 | 4.2 | 0.8 | 4.2 | 299.0 | 323.8 | 9.2 | 65.1 | 1.0 | 10. |
| 4.0 | 12.8 | 1057.5 | 900.0 | 16.1 | 11.3 | 181.8 | 4.9 | 0.1 | 4.9 | 299.3 | 324.7 | 9.4 | 73.5 | 1.3 | 17. |
| 4.9 | 15.0 | 1336.6 | 875.0 | 13.7 | 10.4 | 197.4 | 5.7 | 1.7 | 5.4 | 299.1 | 323.9 | 9.1 | 80.4 | 1.6 | 4. |
| 5.7 | 17.0 | 1580.9 | 850.0 | 12.0 | 9.2 | 227.4 | 5.3 | 3.9 | 5.6 | 299.9 | 323.3 | 8.6 | 82.9 | 1.8 | 12. |
| 6.7 | 19.3 | 1831.5 | 825.0 | 11.7 | 7.0 | 248.5 | 2.5 | 2.3 | 0.9 | 302.0 | 323.2 | 7.7 | 73.5 | 2.0 | 18. |
| 7.6 | 21.4 | 2086.9 | 800.0 | 11.7 | -42.0 | 216.1 | 2.7 | 1.6 | 2.2 | 303.6 | 304.0 | 0.1 | 1.1 | 2.1 | 19. |
| 8.5 | 23.7 | 2352.7 | 775.0 | 11.1 | -20.3 | 230.3 | 3.6 | 2.8 | 2.3 | 305.6 | 309.0 | 1.0 | 4.3 | 2.3 | 20. |
| 9.5 | 25.3 | 2626.4 | 750.0 | 9.5 | -2.2 | 263.5 | 3.4 | 3.6 | 0.4 | 307.4 | 320.1 | 4.4 | 44.0 | 2.4 | 23. |
| 10.5 | 26.5 | 2907.0 | 725.0 | 7.6 | -3.9 | 291.0 | 4.5 | 4.6 | -1.8 | 308.3 | 319.9 | 4.0 | 43.8 | 2.5 | 30. |
| 11.4 | 31.0 | 3195.2 | 700.0 | 6.0 | -5.2 | 293.7 | 5.4 | 4.9 | -2.3 | 309.6 | 320.6 | 3.7 | 44.2 | 2.5 | 36. |
| 12.6 | 33.6 | 3492.5 | 675.0 | 4.1 | -5.9 | 298.2 | 6.3 | 5.5 | -3.0 | 310.7 | 321.6 | 3.7 | 48.4 | 2.6 | 45. |
| 13.5 | 36.1 | 3798.9 | 650.0 | 2.7 | -5.7 | 300.0 | 5.9 | 5.1 | -2.9 | 312.5 | 324.0 | 3.8 | 53.8 | 2.8 | 52. |
| 14.8 | 38.9 | 4115.2 | 625.0 | 0.6 | -8.2 | 301.9 | 7.2 | 6.1 | -3.8 | 313.6 | 325.2 | 3.6 | 60.0 | 2.9 | 62. |
| 15.7 | 41.5 | 4441.7 | 600.0 | -2.3 | -5.7 | 311.2 | 8.8 | 7.3 | -4.8 | 313.5 | 326.4 | 4.2 | 77.6 | 3.2 | 59. |
| 16.8 | 44.4 | 4778.6 | 575.0 | -4.7 | -7.5 | 311.7 | 9.2 | 6.9 | -6.1 | 314.9 | 326.4 | 3.8 | 80.6 | 3.5 | 77. |
| 17.0 | 47.5 | 5127.6 | 550.0 | -6.9 | -10.4 | 313.9 | 7.7 | 5.5 | -5.3 | 316.3 | 326.0 | 3.2 | 76.3 | 3.9 | 85. |
| 18.2 | 50.5 | 5489.3 | 525.0 | -9.2 | -10.1 | 297.0 | 7.9 | 7.1 | -3.6 | 317.5 | 324.1 | 2.1 | 57.6 | 4.3 | 89. |
| 20.6 | 52.5 | 5805.9 | 500.0 | -10.7 | -25.0 | 281.9 | 10.1 | 9.8 | -2.6 | 320.0 | 323.4 | 1.0 | 29.7 | 5.0 | 94. |
| 21.8 | 54.7 | 6158.5 | 475.0 | -13.3 | -23.6 | 281.9 | 12.7 | 12.4 | -2.6 | 321.6 | 326.0 | 1.3 | 46.1 | 5.8 | 93. |
| 23.1 | 60.1 | 6558.1 | 450.0 | -16.6 | -20.2 | 293.2 | 15.5 | 14.5 | -5.4 | 322.6 | 328.1 | 1.7 | 73.3 | 6.9 | 95. |
| 24.6 | 64.3 | 7043.2 | 400.0 | -20.0 | -21.4 | 296.8 | 18.0 | 14.5 | -6.7 | 323.5 | 328.9 | 1.5 | 88.1 | 9.2 | 94. |
| 26.1 | 67.7 | 7543.2 | 400.0 | -22.8 | -30.8 | 297.8 | 18.1 | 16.0 | -8.5 | 325.4 | 327.9 | 0.7 | 47.7 | 9.7 | 101. |
| 27.6 | 71.4 | 8012.4 | 375.0 | -25.7 | -39.3 | 291.2 | 20.2 | 18.8 | -7.3 | 327.5 | 328.8 | 0.4 | 26.3 | 11.4 | 103. |
| 29.2 | 75.7 | 8516.8 | 350.0 | -29.6 | -42.9 | 284.7 | 20.6 | 19.9 | -5.2 | 328.8 | 329.7 | 0.2 | 26.0 | 13.4 | 104. |
| 31.2 | 80.1 | 9033.3 | 325.0 | -34.1 | -42.5 | 278.8 | 18.6 | 18.5 | -1.5 | 329.6 | 330.6 | 0.3 | 41.8 | 15.7 | 103. |
| 32.0 | 84.8 | 9567.7 | 300.0 | -38.5 | -48.4 | 274.8 | 17.3 | 17.2 | -1.5 | 331.0 | 331.5 | 0.2 | 34.3 | 17.6 | 102. |
| 34.0 | 86.6 | 10180.0 | 275.0 | -43.9 | 99.9 | 277.9 | 19.5 | 19.4 | -2.7 | 331.7 | 999.9 | 99.9 | 99.9 | 19.4 | 102. |
| 37.2 | 95.7 | 12812.6 | 250.0 | -49.1 | 99.9 | 275.1 | 21.0 | 20.9 | -1.5 | 333.1 | 999.9 | 99.9 | 99.9 | 22.4 | 101. |
| 39.8 | 100.6 | 14966.7 | 225.0 | -54.3 | 99.9 | 278.7 | 26.0 | 27.6 | -4.7 | 335.3 | 999.9 | 99.9 | 99.9 | 26.3 | 101. |
| 42.5 | 105.7 | 17246.3 | 200.0 | -58.0 | 99.9 | 273.2 | 27.6 | 27.5 | -1.5 | 341.0 | 999.9 | 99.9 | 99.9 | 30.9 | 100. |
| 45.3 | 113.2 | 19578.8 | 175.0 | -60.9 | 99.9 | 275.8 | 28.6 | 28.2 | -1.5 | 349.4 | 999.9 | 99.9 | 99.9 | 36.4 | 95. |
| 48.9 | 120.3 | 21039.0 | 150.0 | -60.5 | 99.9 | 274.5 | 23.4 | 23.4 | -2.7 | 365.9 | 999.9 | 99.9 | 99.9 | 41.2 | 96. |
| 53.1 | 128.3 | 25172.2 | 125.0 | -62.5 | 99.9 | 281.0 | 23.4 | 23.0 | -4.5 | 381.9 | 999.9 | 99.9 | 99.9 | 47.4 | 95. |
| 58.0 | 136.3 | 30526.7 | 100.0 | -69.9 | 99.9 | 288.9 | 13.6 | 12.9 | -4.4 | 362.7 | 999.9 | 99.9 | 99.9 | 52.3 | 100. |
| 62.7 | 144.0 | 36239.9 | 75.0 | -68.1 | 99.9 | 290.7 | 12.8 | 12.0 | -4.5 | 430.2 | 999.9 | 99.9 | 99.9 | 54.3 | 101. |
| 71.9 | 152.0 | 20737.5 | 50.0 | -58.4 | 99.9 | 210.0 | 0.9 | 0.5 | -0.7 | 503.1 | 999.9 | 99.9 | 99.9 | 56.7 | 102. |
| 84.4 | 160.0 | 25180.0 | 25.0 | -52.1 | 99.9 | 39.2 | 5.7 | -3.6 | -4.4 | 636.0 | 999.9 | 99.9 | 99.9 | 59.7 | 103. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ° BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 220
APALACHICOLA, FLA

24 APRIL 1975
1715 GMT

| TIME MIN | CNTCT | WEIGHT G/M | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTD CM/SEC | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|------------------|-----------|-------------|-----------|
| 0.0 | 4.5 | 11.0 | 1021.8 | 23.6 | 19.7 | 150.0 | 5.2 | -2.6 | 4.5 | 250.7 | 331.8 | 13.4 | 74.0 | 0.0 | 0 |
| 0.4 | 6.2 | 100.9 | 1000.0 | 21.1 | 17.1 | 171.4 | 10.3 | -1.5 | 10.2 | 295.9 | 328.3 | 12.4 | 78.0 | 0.3 | 344 |
| 1.1 | 8.4 | 414.1 | 975.0 | 19.7 | 14.5 | 183.0 | 10.5 | 0.6 | 10.5 | 250.4 | 324.7 | 10.7 | 71.0 | 0.8 | 351 |
| 2.1 | 10.5 | 622.3 | 950.0 | 19.1 | 13.7 | 154.4 | 6.8 | 1.7 | 6.6 | 290.0 | 325.9 | 10.5 | 70.9 | 1.2 | 356 |
| 2.9 | 12.7 | 871.4 | 925.0 | 17.9 | 12.4 | 185.0 | 4.5 | 0.8 | 4.4 | 259.9 | 325.3 | 9.9 | 70.4 | 1.4 | 1 |
| 3.8 | 15.0 | 1102.6 | 900.0 | 16.0 | 11.5 | 172.3 | 4.5 | -0.4 | 4.5 | 299.2 | 324.9 | 9.5 | 74.7 | 1.6 | 0 |
| 4.5 | 17.1 | 1344.9 | 875.0 | 14.5 | 10.0 | 182.4 | 4.3 | 0.6 | 4.3 | 300.1 | 324.1 | 8.9 | 74.4 | 1.9 | 360 |
| 5.4 | 19.5 | 1585.9 | 850.0 | 13.0 | 7.3 | 190.9 | 3.4 | 0.7 | 3.4 | 300.8 | 321.8 | 7.7 | 68.6 | 2.0 | 1 |
| 6.3 | 21.7 | 1840.8 | 825.0 | 13.6 | -4.4 | 159.9 | 1.7 | -0.6 | 1.6 | 303.4 | 313.2 | 3.4 | 28.6 | 2.2 | 1 |
| 7.3 | 24.2 | 2090.9 | 800.0 | 12.7 | 1.9 | 214.7 | 0.9 | 0.5 | 0.7 | 305.4 | 321.1 | 5.5 | 47.8 | 2.2 | 1 |
| 8.1 | 26.5 | 2365.8 | 775.0 | 10.9 | 0.5 | 229.2 | 2.0 | 1.5 | 1.3 | 308.2 | 320.9 | 5.1 | 48.7 | 2.3 | 2 |
| 9.0 | 29.1 | 2638.3 | 750.0 | 8.9 | -2.0 | 236.3 | 3.3 | 2.7 | 1.8 | 308.8 | 319.7 | 4.4 | 46.4 | 2.4 | 5 |
| 10.1 | 31.7 | 2916.7 | 725.0 | 6.5 | -11.8 | 242.2 | 3.2 | 2.8 | 1.5 | 309.0 | 315.5 | 2.1 | 22.3 | 2.5 | 9 |
| 11.0 | 34.3 | 3208.3 | 700.0 | 7.2 | -8.0 | 245.1 | 2.9 | 4.9 | 0.2 | 310.9 | 319.9 | 3.0 | 33.0 | 2.6 | 12 |
| 12.3 | 36.8 | 3506.1 | 675.0 | 5.3 | -17.7 | 313.6 | 3.7 | 2.7 | -2.6 | 311.7 | 316.3 | 1.4 | 17.4 | 2.6 | 17 |
| 13.1 | 38.4 | 3813.3 | 650.0 | 3.4 | -6.8 | 350.3 | 6.5 | 1.1 | -0.4 | 313.3 | 324.0 | 3.5 | 47.0 | 2.4 | 22 |
| 14.1 | 42.1 | 4135.3 | 625.0 | 0.7 | -9.3 | 349.2 | 7.2 | 1.4 | -7.1 | 313.6 | 322.8 | 3.0 | 47.2 | 1.9 | 28 |
| 15.3 | 45.0 | 4456.7 | 600.0 | -1.6 | -12.0 | 326.4 | 7.4 | 2.9 | -6.8 | 315.5 | 321.9 | 2.4 | 42.0 | 1.6 | 40 |
| 16.5 | 47.9 | 4799.3 | 575.0 | -3.9 | -10.6 | 326.9 | 9.7 | 5.3 | -6.1 | 315.8 | 324.8 | 2.9 | 58.6 | 1.5 | 54 |
| 17.7 | 50.8 | 5144.8 | 550.0 | -5.4 | -12.9 | 324.7 | 13.1 | 7.5 | -10.7 | 317.6 | 326.1 | 2.7 | 70.5 | 2.5 | 107 |
| 18.8 | 53.9 | 5507.8 | 525.0 | -8.5 | -16.0 | 321.4 | 14.1 | 8.3 | -11.0 | 318.5 | 327.0 | 2.2 | 66.2 | 3.4 | 116 |
| 20.1 | 56.4 | 5884.7 | 500.0 | -10.9 | -16.0 | 315.5 | 13.4 | 9.4 | -5.6 | 320.0 | 327.0 | 2.2 | 66.2 | 3.4 | 116 |
| 21.4 | 60.0 | 6276.9 | 475.0 | -13.6 | -18.7 | 311.5 | 14.3 | 10.8 | -9.5 | 321.4 | 327.3 | 1.8 | 65.2 | 4.5 | 126 |
| 22.9 | 63.4 | 6696.2 | 450.0 | -16.4 | -22.1 | 307.5 | 14.9 | 11.8 | -6.1 | 322.8 | 327.5 | 1.4 | 60.8 | 5.7 | 123 |
| 24.4 | 66.6 | 7114.1 | 425.0 | -19.4 | -26.3 | 255.9 | 16.6 | 14.4 | -6.3 | 324.2 | 327.7 | 1.0 | 54.2 | 7.2 | 123 |
| 26.0 | 70.1 | 7562.4 | 400.0 | -21.9 | -31.9 | 280.0 | 16.2 | 15.4 | -5.0 | 325.8 | 328.8 | 0.7 | 39.9 | 8.7 | 121 |
| 27.7 | 73.7 | 8033.9 | 375.0 | -25.5 | -37.9 | 297.7 | 18.4 | 16.3 | -8.6 | 327.8 | 329.2 | 0.4 | 30.3 | 10.5 | 119 |
| 29.4 | 77.4 | 8530.7 | 350.0 | -29.1 | -42.6 | 303.2 | 21.6 | 18.7 | -10.9 | 328.5 | 330.4 | 0.2 | 25.6 | 12.5 | 120 |
| 31.2 | 81.3 | 9035.5 | 325.0 | -32.1 | -46.3 | 295.0 | 23.4 | 21.2 | -8.9 | 330.9 | 331.6 | 0.2 | 24.9 | 14.9 | 117 |
| 33.1 | 85.6 | 9612.8 | 300.0 | -38.1 | -49.9 | 292.7 | 23.1 | 21.3 | -8.9 | 331.3 | 331.6 | 99.9 | 99.9 | 17.6 | 116 |
| 35.2 | 90.8 | 10203.8 | 275.0 | -43.3 | -49.9 | 299.1 | 26.4 | 23.0 | -12.8 | 332.4 | 332.4 | 99.9 | 99.9 | 20.3 | 116 |
| 37.5 | 94.8 | 10839.4 | 250.0 | -48.0 | -49.9 | 298.4 | 36.4 | 32.0 | -17.3 | 336.7 | 336.7 | 99.9 | 99.9 | 25.0 | 119 |
| 40.2 | 96.6 | 11528.5 | 225.0 | -53.5 | -49.9 | 296.9 | 51.5 | 45.7 | -23.3 | 340.4 | 340.4 | 99.9 | 99.9 | 31.6 | 116 |
| 42.8 | 104.3 | 12276.1 | 200.0 | -58.3 | -49.9 | 287.0 | 33.5 | 32.1 | -5.8 | 348.4 | 348.4 | 99.9 | 99.9 | 37.6 | 117 |
| 45.6 | 110.4 | 13126.3 | 175.0 | -61.4 | -49.9 | 290.4 | 31.7 | 29.6 | -11.2 | 348.4 | 348.4 | 99.9 | 99.9 | 43.4 | 116 |
| 48.9 | 116.8 | 14063.6 | 150.0 | -61.6 | -49.9 | 301.6 | 29.9 | 25.5 | -11.7 | 363.9 | 363.9 | 99.9 | 99.9 | 49.2 | 116 |
| 52.9 | 124.3 | 15185.0 | 125.0 | -65.8 | -49.9 | 287.3 | 23.0 | 22.0 | -6.9 | 375.8 | 375.8 | 99.9 | 99.9 | 54.7 | 116 |
| 57.2 | 132.0 | 16526.7 | 100.0 | -67.9 | -49.9 | 307.5 | 18.5 | 14.7 | -11.2 | 356.5 | 356.5 | 99.9 | 99.9 | 61.6 | 116 |
| 62.7 | 140.7 | 18237.3 | 7.0 | -69.0 | -49.9 | 306.5 | 10.2 | 8.2 | -6.1 | 428.4 | 428.4 | 99.9 | 99.9 | 64.8 | 116 |
| 70.1 | 150.3 | 20706.9 | 50.0 | -58.5 | -49.9 | 58.2 | 7.8 | -7.7 | 1.1 | 508.4 | 508.4 | 99.9 | 99.9 | 65.3 | 117 |
| 82.4 | 166.3 | 25134.7 | 25.0 | -52.1 | -49.9 | 345.4 | 0.4 | 0.1 | -0.3 | 635.2 | 635.2 | 99.9 | 99.9 | 65.4 | 116 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
0 BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 226
CENTERVILLE, ALA

24 APRIL 1975
1815 GMT

| TIME MIN | CATCT | WEIGHT GPM | PRES MB | TEMP NG C | DEW PT DG C | CTR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT V DG K | E POT V DG K | WR RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.2 | 140.0 | 1002.4 | 24.0 | 18.2 | 200.0 | 7.7 | 2.6 | 7.2 | 298.7 | 233.7 | 13.3 | 70.0 | 0.0 | 0. |
| 0.1 | 6.4 | 141.0 | 1000.0 | 23.6 | 17.7 | 199.8 | 8.6 | 2.9 | 8.1 | 298.5 | 232.5 | 12.9 | 69.3 | 0.1 | 5. |
| 0.2 | 6.9 | 381.5 | 975.0 | 20.7 | 16.2 | 197.3 | 9.9 | 2.9 | 9.4 | 297.6 | 229.1 | 12.0 | 75.5 | 0.7 | 19. |
| 2.0 | 11.0 | 655.8 | 950.0 | 18.3 | 14.3 | 203.0 | 12.3 | 5.0 | 11.2 | 297.2 | 325.9 | 18.8 | 77.5 | 1.3 | 14. |
| 2.9 | 13.5 | 834.8 | 925.0 | 17.7 | 12.1 | 216.6 | 13.3 | 7.9 | 10.7 | 296.7 | 324.7 | 9.7 | 69.7 | 2.0 | 23. |
| 4.0 | 15.8 | 1059.0 | 900.0 | 16.5 | 10.6 | 219.8 | 16.0 | 10.2 | 12.3 | 299.7 | 323.9 | 8.9 | 68.0 | 2.9 | 28. |
| 5.0 | 18.3 | 1314.5 | 875.0 | 14.9 | 9.7 | 226.9 | 15.5 | 11.3 | 10.6 | 300.4 | 324.0 | 8.7 | 71.0 | 3.9 | 31. |
| 6.0 | 20.8 | 1512.8 | 850.0 | 13.5 | 10.7 | 236.9 | 14.2 | 11.9 | 7.7 | 301.5 | 327.6 | 9.6 | 83.6 | 4.7 | 35. |
| 7.0 | 23.3 | 1805.0 | 825.0 | 12.0 | 8.4 | 239.4 | 16.1 | 13.9 | 8.2 | 302.4 | 325.5 | 8.4 | 78.7 | 5.5 | 39. |
| 8.0 | 25.8 | 2062.5 | 800.0 | 10.8 | 0.2 | 240.0 | 20.2 | 17.5 | 10.1 | 303.3 | 317.3 | 6.9 | 48.5 | 6.5 | 42. |
| 9.2 | 28.4 | 2327.0 | 775.0 | 10.1 | -1.2 | 253.3 | 20.4 | 19.5 | 5.9 | 305.2 | 318.3 | 4.5 | 45.5 | 7.9 | 47. |
| 10.4 | 31.2 | 2630.1 | 750.0 | 10.3 | -6.8 | 258.8 | 23.8 | 23.3 | 4.3 | 308.1 | 317.2 | 3.1 | 26.3 | 9.3 | 52. |
| 11.6 | 34.3 | 2931.3 | 725.0 | 9.3 | -11.9 | 258.1 | 20.8 | 20.4 | 4.3 | 310.0 | 316.4 | 2.1 | 20.9 | 10.6 | 56. |
| 12.5 | 36.6 | 3171.3 | 700.0 | 6.0 | -11.0 | 255.1 | 19.4 | 18.8 | 5.0 | 311.7 | 318.9 | 2.4 | 24.6 | 11.8 | 54. |
| 13.7 | 39.5 | 3470.4 | 675.0 | 6.2 | -10.8 | 252.4 | 19.2 | 18.3 | 5.8 | 312.9 | 320.5 | 2.5 | 26.4 | 13.1 | 59. |
| 14.8 | 42.1 | 3778.1 | 650.0 | 3.4 | -11.7 | 251.4 | 21.2 | 20.1 | 6.8 | 313.1 | 320.5 | 2.4 | 34.1 | 14.5 | 61. |
| 16.2 | 45.1 | 4055.0 | 625.0 | 1.2 | -13.6 | 254.6 | 19.9 | 15.1 | 5.3 | 314.0 | 320.6 | 2.1 | 31.7 | 16.0 | 62. |
| 17.9 | 48.2 | 4421.8 | 600.0 | -1.8 | -12.8 | 261.0 | 21.0 | 20.7 | 3.1 | 314.3 | 321.7 | 2.4 | 42.0 | 18.1 | 64. |
| 19.5 | 51.1 | 4756.8 | 575.0 | -4.8 | -10.4 | 267.7 | 20.1 | 20.1 | 0.8 | 314.6 | 324.0 | 3.0 | 44.5 | 19.6 | 65. |
| 20.0 | 54.3 | 5103.1 | 550.0 | -0.3 | -12.1 | 272.5 | 19.6 | 19.6 | -0.9 | 316.9 | 325.3 | 2.7 | 62.6 | 21.5 | 67. |
| 22.3 | 57.3 | 5465.8 | 525.0 | -10.1 | -13.7 | 273.4 | 18.7 | 18.7 | -1.1 | 316.5 | 324.5 | 2.5 | 75.1 | 23.0 | 64. |
| 23.8 | 60.7 | 5843.9 | 500.0 | -13.3 | -21.3 | 274.7 | 21.6 | 21.5 | -1.8 | 316.9 | 321.4 | 1.4 | 50.7 | 24.5 | 71. |
| 25.1 | 64.1 | 6232.6 | 475.0 | -15.1 | -36.4 | 275.4 | 20.6 | 20.3 | -2.4 | 319.3 | 320.5 | 0.3 | 14.1 | 26.1 | 74. |
| 26.6 | 67.4 | 6639.4 | 450.0 | -17.7 | -38.4 | 279.4 | 20.5 | 20.2 | -3.3 | 320.9 | 322.0 | 0.3 | 14.3 | 27.0 | 74. |
| 28.5 | 70.9 | 7014.6 | 425.0 | -20.6 | -40.7 | 276.5 | 20.1 | 20.0 | -2.3 | 322.5 | 323.4 | 0.3 | 14.6 | 28.1 | 76. |
| 30.4 | 74.6 | 7517.0 | 400.0 | -24.2 | -43.4 | 280.0 | 21.1 | 20.8 | -2.2 | 323.5 | 324.2 | 0.2 | 14.9 | 29.1 | 78. |
| 32.5 | 78.6 | 7977.3 | 375.0 | -27.8 | -46.2 | 277.4 | 23.7 | 23.7 | -1.4 | 324.0 | 325.4 | 0.2 | 15.2 | 30.7 | 79. |
| 34.9 | 82.5 | 8465.7 | 350.0 | -31.5 | -49.2 | 275.2 | 20.4 | 20.3 | -1.8 | 326.1 | 326.6 | 0.1 | 15.5 | 31.3 | 80. |
| 36.8 | 86.4 | 8949.2 | 325.0 | -35.8 | -52.6 | 274.3 | 25.4 | 25.3 | -1.9 | 327.3 | 327.6 | 0.1 | 15.8 | 32.3 | 82. |
| 38.0 | 90.8 | 9543.5 | 300.0 | -40.2 | 99.9 | 274.3 | 24.5 | 24.4 | -1.8 | 328.7 | 329.9 | 99.9 | 99.9 | 33.5 | 82. |
| 41.4 | 95.5 | 10124.6 | 275.0 | -45.0 | 99.9 | 279.4 | 22.5 | 27.2 | -3.7 | 330.0 | 330.9 | 99.9 | 99.9 | 34.1 | 83. |
| 43.9 | 100.2 | 10757.7 | 250.0 | -50.4 | 99.9 | 277.4 | 25.0 | 25.5 | -2.4 | 331.2 | 329.9 | 99.9 | 99.9 | 34.7 | 85. |
| 46.7 | 105.4 | 11438.8 | 225.0 | -54.6 | 99.9 | 262.4 | 29.2 | 28.6 | -6.3 | 334.5 | 329.9 | 99.9 | 99.9 | 35.2 | 86. |
| 48.6 | 110.6 | 12166.2 | 200.0 | -58.2 | 99.9 | 250.7 | 21.7 | 20.3 | -7.7 | 340.6 | 329.9 | 99.9 | 99.9 | 35.8 | 87. |
| 50.0 | 116.5 | 13027.2 | 175.0 | -61.1 | 99.9 | 262.3 | 35.0 | 24.9 | -7.3 | 349.0 | 329.9 | 99.9 | 99.9 | 36.9 | 88. |
| 53.8 | 121.3 | 13984.5 | 150.0 | -59.1 | 99.9 | 272.4 | 35.8 | 15.7 | -1.5 | 348.3 | 329.9 | 99.9 | 99.9 | 37.1 | 84. |
| 60.9 | 130.3 | 15123.5 | 125.0 | -61.1 | 99.9 | 265.9 | 24.5 | 24.5 | 1.7 | 348.3 | 329.9 | 99.9 | 99.9 | 37.3 | 85. |
| 65.8 | 134.0 | 16467.6 | 100.0 | -66.2 | 99.9 | 270.9 | 23.4 | 23.4 | -0.4 | 355.6 | 329.9 | 99.9 | 99.9 | 37.7 | 89. |
| 75.0 | 144.3 | 18220.7 | 75.0 | -69.8 | 99.9 | 273.8 | 18.4 | 18.4 | -1.2 | 426.5 | 329.9 | 99.9 | 99.9 | 38.9 | 85. |
| 80.4 | 155.7 | 20710.5 | 50.0 | -58.2 | 99.9 | 222.1 | 4.0 | 3.2 | 2.5 | 506.4 | 329.9 | 99.9 | 99.9 | 39.1 | 85. |
| 90.9 | 99.9 | 99.9 | 23.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 56.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 232
ROOTHVILLE, LA24 APRIL 1975
1726 GMT

162 17.0

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | CEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCOMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|------------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.6 | 1.0 | 1019.0 | 25.6 | 23.3 | 170.0 | 6.7 | -1.2 | 6.6 | 299.6 | 346.6 | 16.0 | 87.0 | 0.0 | 0. |
| 0.8 | 6.2 | 166.6 | 1000.0 | 23.5 | 21.4 | 160.9 | 10.3 | -3.4 | 9.8 | 298.8 | 341.3 | 16.3 | 86.1 | 0.4 | 336 |
| 1.6 | 6.5 | 38.9 | 975.0 | 21.2 | 19.9 | 167.8 | 11.6 | -2.5 | 11.4 | 298.5 | 338.3 | 15.2 | 92.4 | 1.0 | 341. |
| 2.5 | 10.8 | 613.2 | 950.0 | 20.0 | 18.3 | 176.6 | 12.5 | -0.7 | 15.5 | 298.4 | 336.7 | 14.1 | 89.9 | 1.6 | 346. |
| 3.4 | 13.3 | 643.6 | 925.0 | 19.2 | 14.0 | 180.1 | 11.1 | 0.0 | 11.1 | 300.4 | 329.8 | 10.9 | 71.6 | 2.3 | 350. |
| 4.2 | 15.6 | 1079.4 | 900.0 | 18.3 | 12.2 | 181.8 | 11.4 | 0.4 | 11.4 | 301.7 | 328.8 | 10.0 | 67.4 | 2.8 | 356. |
| 5.2 | 18.0 | 1320.6 | 875.0 | 17.2 | 9.9 | 195.5 | 7.7 | 2.0 | 7.4 | 302.9 | 327.0 | 8.8 | 61.9 | 3.4 | 358. |
| 6.2 | 20.5 | 1568.2 | 850.0 | 16.7 | 6.6 | 196.9 | 6.5 | 1.9 | 6.2 | 304.6 | 324.8 | 7.2 | 51.3 | 3.7 | 357. |
| 7.2 | 23.0 | 1822.3 | 825.0 | 16.0 | 3.6 | 201.9 | 6.0 | 2.3 | 5.6 | 306.3 | 323.4 | 6.0 | 43.5 | 4.1 | 359. |
| 8.3 | 25.5 | 2082.9 | 800.0 | 14.0 | 0.7 | 211.6 | 5.9 | 3.1 | 5.0 | 308.7 | 321.2 | 5.0 | 40.2 | 4.4 | 1. |
| 9.2 | 28.1 | 2343.8 | 775.0 | 12.6 | -1.9 | 215.0 | 5.8 | 3.3 | 4.8 | 307.9 | 320.6 | 4.3 | 36.7 | 4.7 | 3. |
| 10.3 | 30.9 | 2624.5 | 750.0 | 11.7 | -5.0 | 209.7 | 5.0 | 2.5 | 4.4 | 308.8 | 320.2 | 3.5 | 30.5 | 5.0 | 5. |
| 11.3 | 33.6 | 2907.9 | 725.0 | 11.8 | -14.7 | 208.3 | 2.4 | 1.1 | 2.1 | 312.6 | 317.9 | 1.7 | 14.2 | 5.3 | 7. |
| 12.3 | 36.1 | 3206.2 | 700.0 | 10.4 | -18.1 | 12.6 | 0.9 | -0.2 | -6.9 | 314.2 | 318.4 | 1.3 | 11.7 | 5.3 | 7. |
| 13.4 | 39.0 | 3501.1 | 675.0 | 8.0 | -16.8 | 54.7 | 0.9 | -0.7 | -1.5 | 315.4 | 319.6 | 1.5 | 15.3 | 5.2 | 6. |
| 14.6 | 41.7 | 3810.9 | 650.0 | 5.5 | -17.6 | 343.2 | 1.3 | 0.4 | -1.2 | 315.4 | 320.1 | 1.5 | 16.9 | 5.2 | 6. |
| 15.8 | 44.6 | 4129.4 | 625.0 | 2.4 | -17.2 | 308.9 | 1.1 | 0.9 | -0.7 | 315.4 | 320.5 | 1.6 | 21.9 | 5.0 | 7. |
| 17.1 | 47.0 | 4457.5 | 600.0 | -0.6 | -15.1 | 270.8 | 1.2 | 1.2 | -0.0 | 315.6 | 321.9 | 2.0 | 32.4 | 5.0 | 8. |
| 18.2 | 50.6 | 4796.1 | 575.0 | -3.4 | -11.6 | 246.2 | 2.3 | 2.1 | 0.9 | 316.3 | 324.8 | 2.7 | 53.1 | 5.1 | 9. |
| 19.5 | 53.6 | 5145.3 | 550.0 | -5.7 | -12.3 | 245.9 | 4.4 | 4.1 | 1.8 | 317.7 | 326.1 | 2.7 | 59.2 | 5.2 | 11. |
| 20.8 | 56.6 | 5509.3 | 525.0 | -8.4 | -15.9 | 258.1 | 6.8 | 6.6 | 1.4 | 318.5 | 325.2 | 2.1 | 55.0 | 5.5 | 15. |
| 22.1 | 59.3 | 5886.0 | 500.0 | -11.2 | -17.7 | 260.1 | 8.9 | 8.8 | 1.5 | 319.6 | 325.7 | 1.9 | 58.6 | 5.7 | 21. |
| 23.6 | 63.3 | 6279.2 | 475.0 | -12.5 | -27.3 | 261.3 | 12.7 | 12.5 | 1.9 | 322.5 | 325.4 | 0.9 | 27.7 | 6.3 | 25. |
| 24.4 | 66.5 | 6689.7 | 450.0 | -15.7 | -29.2 | 265.7 | 13.0 | 12.9 | 1.0 | 323.6 | 326.2 | 0.7 | 30.0 | 6.9 | 35. |
| 26.4 | 70.0 | 7117.9 | 425.0 | -19.1 | -28.0 | 268.0 | 13.9 | 13.9 | 0.5 | 324.6 | 327.6 | 0.9 | 44.9 | 7.6 | 42. |
| 27.9 | 73.5 | 7566.5 | 400.0 | -22.0 | -35.5 | 270.2 | 18.2 | 18.2 | -0.1 | 326.3 | 328.0 | 0.5 | 28.1 | 8.7 | 49. |
| 29.5 | 77.3 | 8037.8 | 375.0 | -25.8 | -35.5 | 274.1 | 20.9 | 20.8 | -1.5 | 327.4 | 329.1 | 0.5 | 39.7 | 10.2 | 57. |
| 31.1 | 81.1 | 8533.7 | 350.0 | -29.9 | -40.4 | 277.3 | 20.4 | 20.2 | -2.6 | 328.4 | 329.6 | 0.3 | 34.6 | 11.4 | 65. |
| 32.7 | 85.3 | 9057.4 | 325.0 | -34.3 | -45.4 | 283.8 | 21.8 | 21.2 | -5.2 | 329.4 | 330.1 | 0.2 | 31.1 | 13.5 | 68. |
| 34.9 | 89.4 | 9613.2 | 300.0 | -37.4 | -45.2 | 284.4 | 30.8 | 29.8 | -7.6 | 332.6 | 333.5 | 0.2 | 43.4 | 16.1 | 75. |
| 37.1 | 94.0 | 10209.4 | 275.0 | -41.6 | 99.9 | 282.2 | 30.6 | 29.9 | -6.4 | 335.0 | 335.9 | 99.9 | 99.9 | 20.1 | 81. |
| 39.2 | 98.6 | 10848.6 | 250.0 | -47.4 | 99.9 | 276.1 | 31.2 | 31.0 | -3.3 | 335.6 | 336.9 | 99.9 | 99.9 | 23.7 | 86. |
| 41.4 | 103.4 | 11536.3 | 225.0 | -53.2 | 99.9 | 277.4 | 32.1 | 31.8 | -4.1 | 336.9 | 337.9 | 99.9 | 99.9 | 27.4 | 85. |
| 43.4 | 109.0 | 12283.0 | 200.0 | -59.6 | 99.9 | 286.9 | 32.6 | 31.2 | -6.5 | 338.4 | 339.9 | 99.9 | 99.9 | 32.3 | 86. |
| 46.7 | 114.7 | 13110.0 | 175.0 | -63.5 | 99.9 | 282.7 | 25.8 | 25.2 | -5.7 | 343.2 | 343.9 | 99.9 | 99.9 | 37.1 | 91. |
| 49.9 | 121.0 | 14060.6 | 150.0 | -61.0 | 99.9 | 274.6 | 35.3 | 35.1 | -2.8 | 345.0 | 345.9 | 99.9 | 99.9 | 42.7 | 91. |
| 53.5 | 127.8 | 15155.8 | 125.0 | -64.6 | 99.9 | 259.6 | 22.4 | 22.0 | 4.1 | 378.0 | 378.9 | 99.9 | 99.9 | 49.0 | 91. |
| 58.0 | 135.7 | 16536.4 | 100.0 | -69.1 | 99.9 | 271.9 | 13.1 | 13.1 | -0.4 | 384.2 | 384.9 | 99.9 | 99.9 | 54.1 | 91. |
| 63.7 | 143.3 | 18233.8 | 75.0 | -70.0 | 99.9 | 280.0 | 11.9 | 11.7 | -2.1 | 428.2 | 428.9 | 99.9 | 99.9 | 57.8 | 91. |
| 71.5 | 152.0 | 20717.8 | 50.0 | -58.8 | 99.9 | 311.5 | 3.5 | 2.6 | -2.3 | 503.1 | 503.9 | 99.9 | 99.9 | 58.5 | 92. |
| 84.8 | 162.0 | 25163.4 | 25.0 | -50.6 | 99.9 | 32.4 | 4.9 | -2.6 | -4.2 | 639.2 | 639.9 | 99.9 | 99.9 | 58.1 | 98. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 235
JACKSON, MISS

24 APRIL 1975
1715 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTU GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.3 | 100.0 | 1006.0 | 27.8 | 19.3 | 210.0 | 6.2 | 3.1 | 5.4 | 302.4 | 340.3 | 14.2 | 66.0 | 0.0 | 0. |
| 0.2 | 4.9 | 153.0 | 1000.0 | 25.8 | 19.1 | 196.5 | 9.1 | 2.6 | 8.7 | 300.8 | 336.0 | 13.2 | 62.5 | 0.2 | 360. |
| 1.0 | 6.7 | 375.4 | 975.0 | 23.3 | 16.7 | 190.7 | 9.5 | 1.8 | 9.4 | 300.3 | 333.2 | 12.4 | 66.3 | 0.6 | 6. |
| 1.9 | 6.3 | 601.7 | 950.0 | 21.2 | 15.9 | 167.9 | 10.3 | 3.2 | 9.8 | 300.3 | 332.5 | 12.0 | 71.5 | 1.1 | 9. |
| 2.5 | 11.0 | 832.3 | 925.0 | 19.0 | 15.8 | 203.8 | 11.7 | 4.7 | 10.7 | 300.4 | 333.4 | 12.4 | 82.0 | 1.5 | 12. |
| 3.3 | 13.3 | 1067.7 | 900.0 | 16.8 | 14.1 | 208.3 | 11.1 | 5.3 | 5.8 | 300.3 | 330.7 | 11.3 | 84.1 | 2.0 | 17. |
| 4.3 | 15.5 | 1367.7 | 875.0 | 14.7 | 12.5 | 215.8 | 13.0 | 7.6 | 10.6 | 300.5 | 328.7 | 10.5 | 86.6 | 2.7 | 19. |
| 5.1 | 17.7 | 1552.8 | 850.0 | 14.2 | 8.0 | 238.9 | 14.7 | 12.6 | 7.6 | 302.1 | 324.2 | 8.1 | 67.5 | 3.3 | 25. |
| 6.1 | 20.1 | 1805.5 | 825.0 | 14.5 | 2.9 | 251.5 | 18.8 | 17.9 | 6.0 | 304.7 | 321.0 | 5.7 | 45.5 | 4.1 | 35. |
| 7.1 | 22.3 | 2065.1 | 800.0 | 13.0 | 1.6 | 247.0 | 19.6 | 18.1 | 7.7 | 305.7 | 321.0 | 5.4 | 45.8 | 5.1 | 42. |
| 8.2 | 24.7 | 2331.6 | 775.0 | 12.9 | -2.4 | 256.6 | 19.7 | 19.2 | 4.6 | 308.2 | 320.3 | 4.1 | 34.5 | 6.3 | 47. |
| 9.1 | 27.0 | 2606.7 | 750.0 | 12.6 | -6.8 | 266.9 | 17.5 | 17.5 | 1.0 | 310.7 | 319.9 | 3.1 | 25.1 | 7.2 | 53. |
| 10.0 | 29.5 | 2890.2 | 725.0 | 10.7 | -8.9 | 265.7 | 15.1 | 15.1 | 1.1 | 311.5 | 319.7 | 2.7 | 24.2 | 7.9 | 57. |
| 11.1 | 32.1 | 3181.3 | 700.0 | 8.9 | -10.6 | 251.9 | 15.0 | 14.2 | 4.6 | 312.7 | 320.1 | 2.4 | 23.9 | 8.9 | 59. |
| 12.2 | 34.9 | 3480.9 | 675.0 | 6.6 | -10.6 | 241.9 | 16.2 | 14.3 | 7.6 | 313.3 | 321.1 | 2.5 | 28.1 | 9.8 | 60. |
| 13.2 | 37.4 | 3790.0 | 650.0 | 5.1 | -10.5 | 244.6 | 17.1 | 15.5 | 7.3 | 315.1 | 323.4 | 2.7 | 31.3 | 10.8 | 60. |
| 14.4 | 40.2 | 4106.5 | 625.0 | 2.4 | -12.9 | 255.3 | 16.2 | 15.7 | 4.1 | 315.4 | 322.5 | 2.3 | 31.3 | 12.0 | 61. |
| 15.4 | 43.2 | 4436.4 | 600.0 | -0.8 | -14.8 | 264.4 | 15.9 | 15.8 | 1.6 | 315.5 | 321.8 | 2.0 | 33.7 | 12.9 | 62. |
| 16.7 | 46.0 | 4724.6 | 575.0 | -3.8 | -11.1 | 263.8 | 19.6 | 19.5 | 2.1 | 315.9 | 324.7 | 2.9 | 56.7 | 14.2 | 64. |
| 17.9 | 49.0 | 5123.5 | 550.0 | -7.3 | -12.6 | 262.5 | 19.2 | 18.0 | 2.5 | 315.8 | 324.0 | 2.0 | 65.5 | 15.5 | 67. |
| 19.2 | 52.0 | 5444.7 | 525.0 | -9.6 | -11.9 | 266.5 | 18.3 | 18.3 | 1.1 | 317.2 | 326.2 | 2.9 | 63.0 | 17.0 | 67. |
| 20.4 | 55.2 | 5800.0 | 500.0 | -12.7 | -14.7 | 268.6 | 20.1 | 20.1 | 0.5 | 317.6 | 325.5 | 2.5 | 85.1 | 18.3 | 69. |
| 21.9 | 58.4 | 6249.8 | 475.0 | -15.0 | -23.2 | 269.5 | 21.8 | 21.8 | 0.2 | 319.5 | 321.9 | 1.3 | 54.3 | 19.9 | 71. |
| 23.3 | 62.0 | 6657.3 | 450.0 | -17.2 | -34.6 | 269.9 | 20.7 | 20.7 | 0.0 | 321.6 | 323.2 | 0.4 | 20.3 | 21.7 | 72. |
| 24.7 | 65.6 | 7082.9 | 425.0 | -20.7 | -37.4 | 267.1 | 19.9 | 19.9 | 1.0 | 322.4 | 323.7 | 0.4 | 20.3 | 23.5 | 74. |
| 26.3 | 69.3 | 7528.6 | 400.0 | -23.7 | -39.9 | 266.3 | 20.5 | 20.5 | 1.3 | 324.1 | 325.2 | 0.3 | 20.7 | 25.2 | 75. |
| 28.0 | 73.0 | 7956.5 | 375.0 | -27.5 | -43.7 | 263.0 | 20.6 | 20.4 | 2.5 | 325.2 | 326.0 | 0.2 | 20.9 | 27.3 | 75. |
| 29.7 | 77.2 | 8468.6 | 350.0 | -32.0 | -46.7 | 263.9 | 23.1 | 22.9 | 2.5 | 325.6 | 326.2 | 0.2 | 21.2 | 29.4 | 76. |
| 31.4 | 81.3 | 9007.3 | 325.0 | -36.4 | -50.5 | 262.4 | 22.6 | 22.4 | 2.9 | 326.5 | 326.9 | 0.1 | 21.5 | 32.0 | 76. |
| 33.4 | 85.7 | 9557.5 | 300.0 | -40.7 | 99.9 | 268.0 | 23.9 | 23.9 | 0.8 | 328.0 | 999.9 | 99.9 | 99.9 | 34.3 | 77. |
| 35.4 | 90.6 | 10143.5 | 275.0 | -45.7 | 99.3 | 273.1 | 25.6 | 25.6 | -1.4 | 329.0 | 999.9 | 99.9 | 99.9 | 37.3 | 78. |
| 37.5 | 95.0 | 10771.6 | 250.0 | -50.6 | 99.9 | 275.3 | 28.4 | 28.2 | -2.6 | 330.6 | 999.9 | 99.9 | 99.9 | 40.7 | 79. |
| 39.9 | 101.0 | 11451.5 | 225.0 | -54.7 | 99.9 | 279.3 | 30.8 | 30.4 | -5.0 | 336.6 | 999.9 | 99.9 | 99.9 | 45.3 | 81. |
| 42.7 | 107.0 | 12199.6 | 200.0 | -58.1 | 99.9 | 281.2 | 25.8 | 25.3 | -5.0 | 340.7 | 999.9 | 99.9 | 99.9 | 49.9 | 83. |
| 45.5 | 113.3 | 13037.0 | 175.0 | -60.2 | 99.9 | 264.1 | 29.8 | 29.6 | 3.1 | 353.9 | 999.9 | 99.9 | 99.9 | 54.1 | 84. |
| 48.8 | 120.3 | 14004.2 | 150.0 | -60.2 | 99.9 | 272.4 | 27.6 | 27.5 | -1.2 | 368.4 | 999.9 | 99.9 | 99.9 | 60.1 | 86. |
| 52.6 | 128.0 | 15130.9 | 125.0 | -63.7 | 99.9 | 273.9 | 27.6 | 27.5 | -1.9 | 378.6 | 999.9 | 99.9 | 99.9 | 66.6 | 88. |
| 57.1 | 136.7 | 16483.9 | 100.0 | -68.0 | 99.9 | 266.4 | 22.0 | 22.0 | 1.4 | 396.3 | 999.9 | 99.9 | 99.9 | 73.6 | 90. |
| 62.7 | 145.0 | 18206.8 | 75.0 | -67.8 | 99.9 | 281.4 | 13.2 | 13.0 | -2.6 | 430.7 | 999.9 | 99.9 | 99.9 | 78.4 | 95. |
| 70.4 | 154.3 | 20705.5 | 50.0 | -57.7 | 99.9 | 326.1 | 8.5 | 4.8 | -7.1 | 507.7 | 999.9 | 99.9 | 99.9 | 80.5 | 98. |
| 82.4 | 164.0 | 25150.5 | 25.0 | -50.5 | 99.9 | 254.9 | 3.7 | 3.6 | 1.0 | 639.5 | 999.9 | 99.9 | 99.9 | 81.4 | 98. |

ORIGINAL PAGE IS
OF POOR QUALITY

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
• BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
• BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LA24 APRIL 1975
1715 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | CEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT T DG K | E POT T DG K | MX RTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 3.0 | 3.5 | 5.0 | 1017.3 | 26.7 | 22.3 | 160.0 | 8.6 | -3.0 | 8.3 | 300.7 | 345.4 | 17.0 | 77.0 | 0.0 | 0. |
| 0.6 | 4.7 | 157.0 | 1000.0 | 25.4 | 21.3 | 170.6 | 12.4 | -2.0 | 12.2 | 300.7 | 343.5 | 16.2 | 78.1 | 0.6 | 352. |
| 1.8 | 6.4 | 376.1 | 975.0 | 22.0 | 19.9 | 173.4 | 12.1 | -1.4 | 12.0 | 299.3 | 339.2 | 15.2 | 87.9 | 1.3 | 351. |
| 2.7 | 8.3 | 608.9 | 950.0 | 20.2 | 17.3 | 185.1 | 14.9 | 1.3 | 12.8 | 298.5 | 336.7 | 13.6 | 83.7 | 2.0 | 347. |
| 3.4 | 10.3 | 835.9 | 925.0 | 20.8 | 13.5 | 188.0 | 16.5 | 2.3 | 12.3 | 302.0 | 330.6 | 10.6 | 63.0 | 2.7 | 347. |
| 4.3 | 12.1 | 1072.6 | 900.0 | 19.5 | 10.5 | 190.9 | 12.9 | 2.4 | 12.7 | 302.8 | 327.3 | 8.9 | 56.0 | 3.5 | 0. |
| 5.3 | 14.2 | 1318.7 | 875.0 | 17.3 | 9.7 | 186.9 | 12.4 | 1.5 | 12.3 | 303.0 | 326.9 | 8.7 | 60.9 | 4.2 | 2. |
| 6.2 | 16.1 | 1561.8 | 850.0 | 15.6 | 7.9 | 189.1 | 13.2 | 2.1 | 13.1 | 303.6 | 325.5 | 7.9 | 60.2 | 4.9 | 2. |
| 7.2 | 18.2 | 1815.1 | 825.0 | 14.8 | 5.2 | 196.4 | 13.4 | 3.8 | 12.9 | 305.1 | 324.1 | 6.8 | 52.8 | 5.7 | 4. |
| 8.3 | 20.3 | 2075.3 | 800.0 | 13.8 | 4.2 | 205.3 | 12.2 | 5.2 | 11.0 | 306.7 | 325.1 | 6.5 | 52.1 | 6.4 | 6. |
| 9.2 | 22.4 | 2342.6 | 775.0 | 12.7 | -0.7 | 209.2 | 14.3 | 7.0 | 12.5 | 308.1 | 321.9 | 4.8 | 39.8 | 7.1 | 8. |
| 10.1 | 24.7 | 2617.9 | 750.0 | 13.5 | -13.8 | 216.1 | 12.6 | 7.4 | 10.2 | 311.4 | 316.9 | 1.7 | 13.6 | 7.9 | 10. |
| 11.1 | 26.8 | 2902.5 | 725.0 | 12.6 | -12.7 | 223.4 | 11.1 | 7.7 | 8.1 | 313.6 | 319.8 | 2.0 | 15.9 | 8.4 | 13. |
| 12.1 | 29.3 | 3196.0 | 700.0 | 11.0 | -10.1 | 219.9 | 11.8 | 7.6 | 9.0 | 315.0 | 322.9 | 2.5 | 21.6 | 9.0 | 15. |
| 13.1 | 31.8 | 3498.0 | 675.0 | 8.8 | -11.8 | 218.1 | 11.8 | 7.3 | 9.2 | 315.8 | 323.0 | 2.3 | 21.8 | 9.7 | 17. |
| 14.1 | 34.3 | 3802.7 | 650.0 | 6.2 | -11.7 | 218.3 | 11.1 | 6.9 | 8.7 | 316.3 | 323.8 | 2.4 | 26.3 | 10.3 | 1. |
| 15.1 | 36.9 | 4128.7 | 625.0 | 3.6 | -13.9 | 230.2 | 8.9 | 6.8 | 5.7 | 318.8 | 323.4 | 2.1 | 26.4 | 10.9 | 1. |
| 16.2 | 39.5 | 4458.6 | 600.0 | 0.8 | -16.2 | 245.7 | 7.5 | 6.8 | 3.1 | 317.3 | 323.0 | 1.8 | 26.5 | 11.3 | 21. |
| 17.3 | 42.1 | 4798.6 | 575.0 | -2.0 | -19.6 | 237.2 | 8.0 | 6.7 | 4.3 | 317.8 | 322.4 | 1.4 | 24.7 | 11.8 | 23. |
| 18.6 | 45.0 | 5150.9 | 550.0 | -4.1 | -11.7 | 226.7 | 10.2 | 6.6 | 7.7 | 318.5 | 329.4 | 2.8 | 55.4 | 12.3 | 28. |
| 19.7 | 48.0 | 5515.6 | 525.0 | -7.6 | -13.2 | 224.5 | 10.1 | 7.1 | 7.2 | 319.6 | 327.9 | 2.6 | 64.1 | 12.9 | 28. |
| 21.0 | 51.0 | 5893.5 | 500.0 | -10.5 | -20.5 | 243.4 | 9.6 | 8.6 | 4.3 | 320.4 | 325.3 | 1.5 | 43.5 | 13.6 | 28. |
| 22.3 | 54.3 | 6288.6 | 475.0 | -12.9 | -28.3 | 255.4 | 13.1 | 12.7 | 3.3 | 322.0 | 324.7 | 0.8 | 26.3 | 14.2 | 29. |
| 23.5 | 57.4 | 6698.6 | 450.0 | -16.0 | -25.5 | 250.3 | 15.6 | 14.7 | 5.3 | 323.3 | 326.8 | 1.1 | 43.3 | 15.1 | 38. |
| 24.9 | 60.9 | 7128.0 | 425.0 | -19.7 | -33.7 | 251.2 | 17.2 | 16.3 | 5.6 | 323.8 | 327.2 | 0.5 | 27.2 | 16.1 | 38. |
| 26.4 | 64.7 | 7571.7 | 400.0 | -22.9 | -33.6 | 254.3 | 20.3 | 19.5 | 5.6 | 325.2 | 327.2 | 0.6 | 37.0 | 17.5 | 38. |
| 28.1 | 68.3 | 8040.9 | 375.0 | -27.0 | -46.0 | 261.2 | 20.6 | 20.3 | 3.1 | 325.8 | 328.7 | 0.3 | 23.3 | 19.1 | 42. |
| 30.0 | 72.2 | 8538.3 | 350.0 | -29.7 | -62.6 | 264.4 | 20.1 | 20.0 | 1.9 | 328.6 | 328.6 | 0.0 | 2.4 | 20.9 | 48. |
| 31.9 | 76.4 | 9060.2 | 325.0 | -34.0 | -56.0 | 274.7 | 23.0 | 23.0 | -1.9 | 329.7 | 330.0 | 0.1 | 8.7 | 22.6 | 50. |
| 33.7 | 80.7 | 9617.4 | 300.0 | -36.8 | -46.7 | 276.0 | 31.6 | 31.4 | -3.3 | 333.4 | 234.1 | 0.2 | 34.8 | 24.7 | 51. |
| 35.5 | 85.5 | 10214.1 | 275.0 | -41.4 | 96.9 | 273.6 | 34.9 | 34.8 | -2.2 | 335.3 | 999.9 | 99.9 | 999.9 | 27.9 | 50. |
| 37.6 | 90.4 | 10853.7 | 250.0 | -46.7 | 99.9 | 274.8 | 33.8 | 33.7 | -2.9 | 336.6 | 999.9 | 99.9 | 999.9 | 31.4 | 68. |
| 39.7 | 95.6 | 11543.2 | 225.0 | -52.7 | 99.9 | 276.7 | 36.5 | 36.3 | -4.3 | 337.8 | 999.9 | 99.9 | 999.9 | 35.4 | 68. |
| 42.1 | 101.5 | 12293.2 | 200.0 | -58.8 | 99.9 | 281.2 | 36.9 | 36.2 | -7.2 | 339.7 | 999.9 | 99.9 | 999.9 | 40.0 | 72. |
| 44.9 | 108.3 | 13123.3 | 175.0 | -63.5 | 99.9 | 291.1 | 45.0 | 41.9 | -16.2 | 346.9 | 999.9 | 99.9 | 999.9 | 46.1 | 72. |
| 47.9 | 114.8 | 14072.7 | 150.0 | -61.9 | 99.9 | 286.6 | 32.7 | 32.6 | 2.0 | 363.5 | 999.9 | 99.9 | 999.9 | 51.2 | 80. |
| 51.7 | 122.3 | 15203.6 | 125.0 | -62.9 | 99.9 | 256.1 | 18.2 | 17.7 | 4.4 | 361.1 | 999.9 | 99.9 | 999.9 | 57.7 | 81. |
| 55.9 | 120.3 | 16556.2 | 100.0 | -68.4 | 99.9 | 270.7 | 14.5 | 14.5 | -0.2 | 395.6 | 999.9 | 99.9 | 999.9 | 62.9 | 81. |
| 61.4 | 138.8 | 18273.8 | 75.0 | -68.0 | 99.9 | 261.6 | 15.9 | 15.7 | 2.3 | 430.5 | 999.9 | 99.9 | 999.9 | 66.6 | 81. |
| 69.4 | 147.3 | 20778.9 | 50.0 | -59.6 | 99.9 | 53.5 | 0.8 | -0.6 | -0.5 | 503.1 | 999.9 | 99.9 | 999.9 | 68.3 | 81. |
| 61.8 | 156.3 | 22332.3 | 25.0 | -51.8 | 99.9 | 319.0 | 4.1 | 2.7 | -3.1 | 635.6 | 999.9 | 99.9 | 999.9 | 68.4 | 81. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 248
SHREVEPORT, LA

24 APRIL 1975
1601 GMT

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WV/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-------|-----------|-------------|----------|
| 0.0 | 9.2 | 79.0 | 1005.4 | 27.2 | 16.8 | 190.0 | 7.2 | 1.3 | 7.1 | 301.5 | 334.0 | 12.1 | 53.0 | 0.0 | 0.0 |
| 0.1 | 4.6 | 126.8 | 1000.0 | 27.0 | 17.0 | 180.6 | 10.2 | 0.1 | 10.2 | 301.8 | 334.0 | 12.3 | 54.4 | 0.2 | 7.0 |
| 1.0 | 6.3 | 350.3 | 975.0 | 25.1 | 16.0 | 176.6 | 9.8 | -0.2 | 9.8 | 302.0 | 333.8 | 11.8 | 57.0 | 0.7 | 5.0 |
| 1.8 | 6.3 | 578.2 | 950.0 | 23.3 | 15.9 | 194.6 | 7.7 | 1.9 | 7.4 | 302.5 | 335.0 | 12.1 | 63.2 | 1.0 | 5.0 |
| 2.8 | 10.3 | 810.5 | 925.0 | 20.9 | 14.3 | 200.5 | 9.7 | 3.4 | 9.0 | 302.2 | 332.4 | 11.2 | 66.2 | 1.5 | 10.0 |
| 3.9 | 12.2 | 1047.2 | 900.0 | 19.2 | 12.8 | 212.0 | 11.4 | 6.0 | 9.7 | 302.7 | 331.0 | 10.4 | 66.4 | 2.2 | 15.0 |
| 4.9 | 14.3 | 1259.1 | 875.0 | 17.7 | 8.6 | 215.7 | 15.4 | 9.0 | 12.5 | 303.2 | 325.5 | 8.1 | 55.3 | 2.9 | 19.0 |
| 5.7 | 16.3 | 1537.0 | 850.0 | 17.4 | 7.2 | 224.2 | 18.5 | 12.9 | 13.3 | 303.4 | 326.5 | 7.5 | 51.2 | 3.8 | 24.0 |
| 6.6 | 18.5 | 1791.6 | 825.0 | 15.6 | 7.4 | 227.0 | 20.0 | 14.6 | 13.6 | 306.2 | 328.3 | 7.9 | 58.2 | 4.7 | 32.0 |
| 7.5 | 20.6 | 2022.3 | 800.0 | 14.0 | 3.5 | 225.8 | 19.5 | 14.0 | 13.6 | 306.9 | 324.4 | 6.2 | 49.1 | 5.9 | 37.0 |
| 8.7 | 22.7 | 2319.4 | 775.0 | 12.5 | 1.2 | 237.4 | 18.6 | 15.8 | 10.1 | 308.0 | 323.5 | 5.4 | 45.9 | 7.1 | 35.0 |
| 9.9 | 25.1 | 2594.0 | 750.0 | 11.7 | -7.3 | 252.0 | 16.6 | 15.8 | 4.9 | 305.7 | 318.5 | 4.9 | 25.6 | 8.3 | 40.0 |
| 11.0 | 27.3 | 2976.4 | 725.0 | 9.9 | -15.0 | 246.8 | 11.7 | 10.8 | 4.6 | 310.5 | 315.7 | 1.7 | 15.8 | 9.2 | 44.0 |
| 12.1 | 25.7 | 3167.5 | 700.0 | 9.8 | -16.1 | 213.0 | 7.3 | 4.0 | 5.1 | 313.5 | 318.4 | 1.6 | 14.4 | 9.7 | 44.0 |
| 13.3 | 32.2 | 3468.4 | 675.0 | 8.2 | -19.1 | 206.4 | 9.4 | 4.3 | 8.6 | 316.5 | 319.0 | 1.3 | 12.6 | 10.2 | 43.0 |
| 14.6 | 34.9 | 3778.3 | 650.0 | 6.1 | -19.7 | 223.0 | 12.1 | 8.2 | 8.9 | 316.7 | 321.0 | 1.3 | 13.7 | 11.1 | 42.0 |
| 15.8 | 27.2 | 4058.0 | 625.0 | 3.6 | -14.5 | 230.5 | 12.3 | 9.5 | 7.8 | 316.7 | 321.0 | 1.3 | 16.5 | 12.0 | 43.0 |
| 17.1 | 40.0 | 4427.3 | 600.0 | 0.7 | -22.7 | 239.7 | 13.4 | 11.6 | 6.8 | 317.0 | 320.4 | 1.0 | 15.3 | 12.9 | 43.0 |
| 18.5 | 42.5 | 4767.2 | 575.0 | -2.6 | -23.9 | 252.9 | 13.7 | 13.1 | 6.8 | 317.1 | 320.3 | 1.0 | 17.5 | 14.0 | 45.0 |
| 20.0 | 43.3 | 5117.4 | 550.0 | -5.7 | -29.4 | 259.2 | 14.5 | 13.9 | 4.2 | 317.3 | 319.6 | 0.7 | 14.7 | 15.1 | 44.0 |
| 21.4 | 48.3 | 5479.9 | 525.0 | -8.7 | -37.2 | 253.2 | 14.5 | 13.9 | 4.2 | 317.9 | 319.6 | 0.3 | 7.8 | 16.1 | 50.0 |
| 23.0 | 51.1 | 5855.4 | 500.0 | -12.0 | -39.9 | 245.5 | 16.8 | 15.3 | 6.8 | 318.3 | 319.2 | 0.2 | 7.6 | 17.5 | 51.0 |
| 24.5 | 54.2 | 6246.3 | 475.0 | -14.1 | -43.0 | 250.8 | 21.4 | 20.2 | 7.1 | 320.5 | 321.2 | 0.2 | 20.6 | 19.1 | 53.0 |
| 26.1 | 57.1 | 6654.5 | 450.0 | -16.8 | -45.9 | 251.9 | 21.3 | 20.2 | 6.6 | 322.0 | 322.5 | 0.1 | 5.9 | 21.3 | 55.0 |
| 27.8 | 60.4 | 7081.2 | 425.0 | -19.6 | -47.5 | 254.1 | 18.0 | 17.3 | 4.9 | 323.9 | 324.3 | 0.1 | 6.3 | 23.2 | 56.0 |
| 29.6 | 64.2 | 7528.1 | 400.0 | -23.3 | -45.8 | 254.0 | 19.2 | 18.4 | 5.3 | 324.6 | 325.0 | 0.1 | 6.7 | 25.0 | 56.0 |
| 31.4 | 67.4 | 7997.1 | 375.0 | -27.1 | -52.1 | 258.8 | 20.6 | 20.2 | 4.0 | 325.7 | 326.0 | 0.1 | 7.1 | 27.0 | 56.0 |
| 33.3 | 71.0 | 8490.5 | 350.0 | -30.6 | -54.4 | 259.5 | 18.4 | 18.1 | 3.4 | 327.4 | 327.7 | 0.1 | 7.6 | 29.0 | 61.0 |
| 35.3 | 75.0 | 9012.6 | 325.0 | -34.8 | -57.2 | 262.2 | 27.2 | 26.9 | 3.7 | 328.6 | 328.8 | 0.0 | 8.1 | 31.9 | 63.0 |
| 37.7 | 79.2 | 9565.0 | 300.0 | -39.7 | 99.9 | 268.4 | 25.0 | 25.0 | 0.5 | 329.3 | 999.9 | 99.9 | 999.9 | 34.9 | 65.0 |
| 40.0 | 83.5 | 10134.8 | 275.0 | -44.5 | 99.9 | 268.1 | 31.2 | 31.1 | 2.1 | 330.8 | 999.9 | 99.9 | 999.9 | 38.7 | 67.0 |
| 42.4 | 88.0 | 10767.3 | 250.0 | -48.9 | 99.9 | 277.1 | 35.4 | 35.2 | -4.4 | 333.3 | 999.9 | 99.9 | 999.9 | 42.9 | 69.0 |
| 45.0 | 93.2 | 11471.1 | 225.0 | -54.5 | 99.9 | 275.1 | 41.6 | 41.5 | -3.7 | 335.1 | 999.9 | 99.9 | 999.9 | 48.7 | 73.0 |
| 47.9 | 98.5 | 12217.2 | 200.0 | -59.7 | 99.9 | 279.1 | 40.1 | 39.6 | -6.3 | 336.3 | 999.9 | 99.9 | 999.9 | 54.7 | 77.0 |
| 50.9 | 104.3 | 13042.9 | 175.0 | -63.9 | 99.9 | 281.5 | 37.8 | 37.1 | -7.5 | 344.4 | 999.9 | 99.9 | 999.9 | 62.0 | 79.0 |
| 54.6 | 111.0 | 13994.6 | 150.0 | -60.1 | 99.9 | 260.8 | 28.5 | 28.1 | 4.5 | 365.5 | 999.9 | 99.9 | 999.9 | 69.5 | 86.0 |
| 58.7 | 116.7 | 15131.7 | 125.0 | -62.2 | 99.9 | 268.6 | 31.0 | 31.0 | 0.8 | 365.3 | 999.9 | 99.9 | 999.9 | 76.0 | 90.0 |
| 63.5 | 127.7 | 16454.2 | 100.0 | -67.3 | 99.9 | 269.5 | 22.0 | 22.0 | 0.2 | 372.7 | 999.9 | 99.9 | 999.9 | 84.4 | 81.0 |
| 69.8 | 138.0 | 18225.9 | 75.0 | -68.1 | 99.9 | 271.8 | 9.2 | 9.2 | -0.3 | 430.2 | 999.9 | 99.9 | 999.9 | 89.4 | 81.0 |
| 78.4 | 148.7 | 20719.6 | 50.0 | -55.7 | 99.9 | 283.1 | 12.8 | 12.5 | -2.9 | 512.2 | 999.9 | 99.9 | 999.9 | 92.8 | 81.0 |
| 92.3 | 159.5 | 25171.5 | 25.0 | -51.1 | 99.9 | 7.5 | 3.2 | -0.4 | -3.1 | 637.8 | 999.9 | 99.9 | 999.9 | 92.1 | 83.0 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 255
VICTORIA, TEX24 APRIL 1975
1715 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | OIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.1 | 33.0 | 1009.6 | 29.5 | 21.4 | 180.0 | 11.3 | 0.0 | 11.3 | 304.0 | 347.4 | 16.2 | 62.0 | 0.0 | 0. |
| 0.2 | 4.9 | 119.1 | 1000.0 | 26.9 | 19.5 | 999.9 | 99.9 | 99.9 | 99.9 | 302.1 | 340.8 | 14.5 | 64.0 | 999.9 | 999. |
| 0.7 | 6.8 | 341.7 | 975.0 | 24.7 | 18.8 | 999.9 | 99.9 | 99.9 | 99.9 | 301.9 | 333.9 | 14.5 | 70.1 | 999.9 | 999. |
| 1.5 | 9.0 | 509.3 | 950.0 | 22.4 | 17.8 | 999.9 | 99.9 | 99.9 | 99.9 | 301.8 | 338.2 | 13.7 | 75.3 | 999.9 | 999. |
| 2.2 | 11.0 | 801.2 | 925.0 | 20.4 | 17.2 | 188.7 | 14.1 | 2.1 | 13.9 | 301.9 | 338.2 | 13.5 | 82.3 | 1.4 | 1. |
| 3.1 | 13.3 | 1037.9 | 900.0 | 18.8 | 12.6 | 190.3 | 19.2 | 3.4 | 18.9 | 302.3 | 330.4 | 10.3 | 67.4 | 2.3 | 4. |
| 4.0 | 15.5 | 1279.9 | 875.0 | 18.1 | 8.9 | 187.9 | 18.9 | 2.6 | 18.7 | 303.8 | 328.5 | 8.2 | 54.8 | 3.5 | 6. |
| 4.8 | 17.8 | 1527.7 | 850.0 | 17.3 | 4.0 | 182.0 | 15.5 | 0.6 | 15.5 | 305.1 | 322.2 | 6.1 | 41.6 | 4.3 | 6. |
| 5.6 | 20.2 | 1782.0 | 825.0 | 15.8 | -0.7 | 177.2 | 16.5 | -0.8 | 16.4 | 305.9 | 318.6 | 4.4 | 32.4 | 5.0 | 5. |
| 6.4 | 22.5 | 2043.0 | 800.0 | 15.9 | -0.7 | 182.8 | 15.9 | 0.8 | 15.9 | 308.4 | 316.5 | 2.7 | 18.9 | 5.8 | 4. |
| 7.4 | 25.3 | 2312.6 | 775.0 | 16.7 | -14.4 | 189.1 | 15.6 | 2.5 | 15.4 | 312.0 | 317.1 | 1.6 | 10.6 | 6.7 | 4. |
| 8.4 | 27.3 | 2595.8 | 750.0 | 15.8 | -18.9 | 188.7 | 13.5 | 2.1 | 13.4 | 313.9 | 317.9 | 1.2 | 8.2 | 7.7 | 5. |
| 9.4 | 30.0 | 2877.6 | 725.0 | 15.5 | -17.9 | 185.0 | 10.3 | 0.9 | 10.3 | 316.6 | 320.7 | 1.3 | 8.5 | 8.4 | 5. |
| 10.3 | 32.7 | 3174.1 | 700.0 | 14.1 | -18.0 | 187.2 | 7.1 | 0.9 | 7.0 | 318.3 | 322.6 | 1.3 | 9.2 | 8.9 | 5. |
| 11.2 | 35.4 | 3479.4 | 675.0 | 11.7 | -7.8 | 197.4 | 4.0 | 1.2 | 4.8 | 319.1 | 325.0 | 3.2 | 25.3 | 9.1 | 5. |
| 12.3 | 38.0 | 3793.1 | 650.0 | 6.7 | -6.7 | 223.0 | 6.2 | 4.2 | 4.5 | 319.3 | 330.3 | 3.6 | 32.9 | 9.3 | 6. |
| 13.4 | 41.7 | 4116.1 | 625.0 | 6.0 | -8.1 | 237.3 | 6.5 | 5.5 | 5.5 | 319.7 | 330.0 | 3.3 | 35.6 | 9.7 | 6. |
| 14.4 | 43.5 | 4448.5 | 600.0 | 2.6 | -10.5 | 243.3 | 6.4 | 5.7 | 5.7 | 319.5 | 328.4 | 2.9 | 37.3 | 9.9 | 10. |
| 15.5 | 46.7 | 4790.8 | 575.0 | -0.7 | -10.7 | 260.2 | 6.4 | 6.3 | 6.1 | 319.5 | 328.7 | 3.0 | 46.9 | 10.1 | 12. |
| 16.7 | 49.8 | 5143.9 | 550.0 | -3.8 | -18.2 | 267.0 | 6.2 | 6.2 | 6.2 | 319.8 | 325.2 | 1.7 | 31.5 | 10.3 | 5. |
| 17.9 | 52.8 | 5509.1 | 525.0 | -7.1 | -20.8 | 251.3 | 6.2 | 5.9 | 5.9 | 320.1 | 325.6 | 1.4 | 32.3 | 10.4 | 17. |
| 19.1 | 55.9 | 5887.5 | 500.0 | -9.9 | -24.3 | 249.9 | 8.4 | 7.9 | 7.9 | 321.1 | 324.7 | 1.1 | 29.0 | 10.7 | 19. |
| 20.4 | 58.3 | 6281.2 | 475.0 | -12.2 | -32.0 | 246.1 | 13.7 | 12.5 | 5.5 | 322.8 | 324.7 | 0.5 | 17.3 | 11.3 | 22. |
| 21.7 | 62.3 | 6692.1 | 450.0 | -15.6 | -32.4 | 250.3 | 16.0 | 15.1 | 5.4 | 323.6 | 325.6 | 0.6 | 22.0 | 12.2 | 24. |
| 23.0 | 66.3 | 7121.1 | 425.0 | -18.7 | -31.4 | 245.9 | 17.1 | 15.6 | 7.0 | 325.1 | 327.3 | 0.6 | 31.4 | 13.2 | 30. |
| 24.5 | 70.1 | 7570.9 | 400.0 | -20.8 | -43.5 | 254.2 | 20.9 | 20.2 | 5.7 | 328.0 | 324.7 | 0.2 | 10.8 | 14.5 | 34. |
| 25.8 | 72.5 | 8045.3 | 375.0 | -23.8 | -38.8 | 264.0 | 22.4 | 22.3 | 2.3 | 330.0 | 331.3 | 0.4 | 24.7 | 15.7 | 34. |
| 27.4 | 77.3 | 8545.2 | 350.0 | -27.7 | -35.5 | 272.7 | 25.0 | 25.9 | -1.2 | 331.5 | 333.3 | 0.5 | 46.6 | 17.3 | 44. |
| 29.2 | 82.0 | 9074.0 | 325.0 | -31.7 | -38.7 | 272.7 | 25.9 | 25.9 | -1.2 | 332.9 | 334.4 | 0.4 | 49.3 | 19.1 | 50. |
| 31.1 | 85.4 | 9635.9 | 300.0 | -35.7 | -47.6 | 274.9 | 27.7 | 27.6 | -2.4 | 335.0 | 335.7 | 0.2 | 27.9 | 21.4 | 56. |
| 33.1 | 91.3 | 10233.9 | 275.0 | -40.9 | -49.9 | 271.7 | 30.9 | 30.9 | -0.9 | 336.0 | 336.9 | 99.9 | 99.9 | 24.4 | 61. |
| 35.1 | 96.3 | 10874.0 | 250.0 | -46.6 | -49.9 | 268.6 | 32.7 | 32.7 | 6.9 | 336.8 | 336.9 | 99.9 | 99.9 | 27.4 | 61. |
| 37.3 | 101.6 | 11563.9 | 225.0 | -52.6 | -59.9 | 271.2 | 31.4 | 31.4 | -0.6 | 337.9 | 337.9 | 99.9 | 99.9 | 31.7 | 64. |
| 39.6 | 107.9 | 12312.1 | 200.0 | -59.3 | -59.9 | 279.1 | 37.5 | 37.0 | -5.9 | 338.9 | 338.9 | 99.9 | 99.9 | 36.2 | 71. |
| 42.3 | 114.0 | 13137.5 | 175.0 | -65.5 | -59.9 | 286.4 | 42.3 | 40.6 | -12.0 | 341.9 | 339.9 | 99.9 | 99.9 | 41.8 | 76. |
| 45.0 | 120.5 | 14077.4 | 150.0 | -65.7 | -59.9 | 272.3 | 27.4 | 27.3 | -1.1 | 350.9 | 350.9 | 99.9 | 99.9 | 46.9 | 80. |
| 48.6 | 128.3 | 15186.0 | 125.0 | -66.4 | -59.9 | 265.4 | 23.9 | 23.9 | 0.0 | 374.8 | 365.6 | 99.9 | 99.9 | 53.6 | 84. |
| 52.9 | 136.7 | 16528.5 | 100.0 | -68.9 | -59.9 | 265.2 | 16.1 | 16.1 | 1.3 | 394.6 | 394.9 | 99.9 | 99.9 | 58.9 | 86. |
| 58.0 | 144.7 | 18247.1 | 75.0 | -68.6 | -59.9 | 243.6 | 10.5 | 9.4 | 4.6 | 429.0 | 429.9 | 99.9 | 99.9 | 62.5 | 86. |
| 64.7 | 153.0 | 20730.1 | 50.0 | -58.5 | -59.9 | 47.2 | 5.3 | -3.9 | -3.6 | 505.7 | 505.9 | 99.9 | 99.9 | 64.2 | 87. |
| 75.9 | 162.3 | 25166.3 | 25.0 | -50.6 | -59.9 | 64.4 | 1.3 | -1.1 | -0.5 | 636.2 | 636.9 | 99.9 | 99.9 | 62.5 | 81. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 260
STEPHENVILLE, TEX24 APRIL 1975
1715 GMT

| TIME MIN | CNCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POY T DG K | E POT T DG K | MK RTU GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| | | | | | | | | | | | | | | | |
| 0.0 | 9.7 | 359.0 | 964.8 | 27.8 | 17.3 | 200.0 | 8.8 | 3.0 | 8.3 | 305.8 | 341.4 | 13.1 | 53.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 10.8 | 536.2 | 950.0 | 26.5 | 17.5 | 199.3 | 11.4 | 3.8 | 10.7 | 306.0 | 343.1 | 13.6 | 58.7 | 0.3 | 1.0 |
| 0.9 | 13.3 | 770.8 | 925.0 | 23.5 | 15.9 | 195.0 | 12.4 | 4.0 | 11.7 | 305.0 | 338.7 | 12.4 | 62.2 | 0.6 | 1.7 |
| 1.6 | 15.6 | 1005.8 | 900.0 | 21.3 | 13.9 | 195.0 | 16.1 | 5.5 | 15.2 | 305.0 | 335.7 | 11.2 | 62.6 | 1.1 | 1.8 |
| 2.5 | 17.9 | 1253.5 | 875.0 | 19.3 | 13.0 | 207.1 | 18.9 | 8.6 | 18.9 | 305.4 | 335.0 | 10.8 | 66.6 | 2.0 | 2.0 |
| 3.1 | 20.4 | 1503.5 | 850.0 | 19.9 | 9.6 | 210.4 | 19.1 | 9.7 | 18.5 | 305.3 | 333.4 | 9.0 | 51.9 | 3.0 | 2.3 |
| 4.1 | 22.8 | 1760.5 | 825.0 | 19.1 | 7.5 | 213.5 | 13.4 | 7.4 | 11.1 | 305.8 | 332.4 | 7.9 | 46.9 | 3.9 | 2.5 |
| 5.1 | 25.3 | 2024.9 | 800.0 | 17.8 | 7.8 | 211.8 | 8.3 | 4.4 | 7.1 | 311.2 | 325.0 | 8.3 | 51.9 | 4.5 | 2.6 |
| 6.1 | 27.8 | 2225.9 | 775.0 | 16.0 | 6.1 | 207.8 | 6.8 | 3.2 | 6.0 | 312.1 | 324.1 | 7.7 | 51.9 | 4.9 | 2.6 |
| 7.1 | 30.4 | 2573.9 | 750.0 | 14.2 | 1.6 | 203.1 | 8.3 | 3.3 | 7.7 | 312.7 | 324.5 | 5.7 | 42.3 | 5.4 | 2.6 |
| 8.2 | 33.2 | 2859.1 | 725.0 | 12.4 | -1.4 | 195.9 | 8.6 | 2.3 | 8.3 | 313.7 | 327.9 | 4.8 | 38.5 | 5.9 | 2.6 |
| 9.2 | 35.8 | 3152.4 | 700.0 | 10.9 | -7.9 | 197.6 | 10.7 | 3.2 | 10.2 | 315.0 | 324.3 | 3.0 | 25.9 | 6.2 | 2.6 |
| 10.3 | 38.6 | 3454.3 | 675.0 | 8.7 | -8.8 | 205.7 | 13.3 | 5.8 | 12.0 | 315.7 | 324.7 | 2.9 | 27.9 | 7.2 | 2.6 |
| 11.3 | 41.2 | 3765.0 | 650.0 | 6.0 | -6.4 | 211.5 | 14.2 | 7.4 | 12.1 | 316.3 | 327.4 | 3.7 | 40.4 | 6.1 | 2.6 |
| 12.4 | 44.2 | 4082.4 | 625.0 | 3.8 | -2.0 | 219.0 | 16.2 | 10.2 | 12.6 | 317.5 | 333.4 | 5.3 | 65.9 | 9.1 | 2.6 |
| 13.5 | 47.1 | 4415.9 | 600.0 | 0.8 | -1.5 | 223.1 | 18.0 | 12.3 | 13.2 | 317.8 | 334.9 | 5.7 | 64.4 | 10.2 | 2.6 |
| 14.6 | 50.2 | 4756.8 | 575.0 | -1.9 | -8.8 | 225.5 | 20.0 | 14.3 | 14.0 | 318.2 | 329.2 | 3.6 | 61.5 | 11.4 | 2.7 |
| 15.8 | 53.1 | 5103.0 | 550.0 | -4.2 | -21.7 | 235.0 | 20.6 | 16.9 | 11.8 | 318.2 | 323.2 | 1.2 | 24.1 | 12.7 | 3.0 |
| 17.0 | 56.1 | 5473.7 | 525.0 | -7.3 | -21.4 | 243.5 | 22.3 | 20.0 | 10.0 | 319.8 | 324.1 | 1.3 | 31.4 | 14.1 | 3.0 |
| 18.3 | 59.4 | 5851.1 | 500.0 | -11.1 | -21.1 | 247.4 | 23.1 | 21.3 | 8.9 | 319.6 | 324.2 | 1.4 | 43.4 | 15.7 | 3.0 |
| 19.7 | 62.9 | 6242.9 | 475.0 | -13.2 | -50.9 | 247.4 | 20.6 | 14.0 | 7.9 | 321.6 | 321.9 | 0.1 | 2.5 | 17.4 | 4.1 |
| 21.3 | 66.1 | 6622.5 | 450.0 | -15.5 | -51.8 | 245.4 | 20.2 | 16.4 | 8.4 | 323.6 | 323.9 | 0.1 | 2.5 | 19.1 | 4.1 |
| 22.8 | 69.8 | 7031.2 | 425.0 | -18.8 | -53.1 | 244.1 | 20.2 | 18.1 | 8.8 | 324.8 | 325.0 | 0.1 | 2.5 | 20.8 | 4.1 |
| 24.6 | 73.3 | 7530.2 | 400.0 | -21.9 | -54.4 | 242.4 | 22.3 | 21.3 | 6.6 | 326.5 | 325.7 | 0.1 | 3.4 | 22.9 | 4.1 |
| 26.2 | 77.2 | 8002.0 | 375.0 | -25.6 | -56.2 | 254.2 | 24.1 | 23.2 | 6.6 | 327.7 | 327.9 | 0.0 | 3.8 | 25.0 | 5.0 |
| 27.4 | 81.0 | 8457.8 | 350.0 | -29.9 | -58.5 | 257.7 | 22.8 | 22.2 | 4.8 | 328.4 | 328.6 | 0.0 | 4.2 | 26.9 | 5.2 |
| 28.5 | 85.1 | 9021.2 | 325.0 | -34.3 | -61.0 | 255.5 | 27.3 | 26.4 | 6.8 | 329.4 | 329.5 | 0.0 | 4.7 | 29.4 | 5.4 |
| 31.2 | 89.4 | 9575.9 | 300.0 | -39.1 | -64.9 | 257.5 | 25.9 | 25.3 | 5.6 | 330.3 | 329.9 | 99.9 | 99.9 | 31.9 | 5.6 |
| 33.0 | 94.0 | 10167.1 | 275.0 | -43.1 | -69.9 | 260.8 | 29.5 | 29.1 | 4.7 | 332.7 | 329.9 | 99.9 | 99.9 | 35.0 | 5.8 |
| 35.0 | 98.4 | 10802.7 | 250.0 | -47.8 | -74.9 | 261.9 | 37.4 | 37.0 | 5.3 | 333.0 | 329.9 | 99.9 | 99.9 | 38.9 | 6.1 |
| 37.5 | 103.9 | 11487.5 | 225.0 | -53.2 | -79.9 | 260.9 | 45.3 | 44.7 | 7.2 | 333.0 | 329.9 | 99.9 | 99.9 | 44.4 | 6.3 |
| 40.3 | 109.5 | 12238.0 | 200.0 | -58.9 | -84.9 | 269.0 | 43.2 | 43.2 | 0.7 | 334.5 | 329.9 | 99.9 | 99.9 | 51.6 | 6.8 |
| 43.1 | 115.4 | 13065.3 | 175.0 | -64.2 | -89.9 | 264.8 | 56.4 | 54.2 | 5.1 | 334.0 | 329.9 | 99.9 | 99.9 | 59.6 | 7.1 |
| 46.3 | 121.8 | 14013.6 | 150.0 | -61.9 | -94.9 | 255.5 | 43.6 | 42.2 | 10.9 | 323.5 | 329.9 | 99.9 | 99.9 | 67.2 | 7.1 |
| 50.8 | 129.7 | 15150.6 | 125.0 | -60.8 | -99.9 | 264.2 | 30.7 | 30.6 | 3.1 | 385.0 | 329.9 | 99.9 | 99.9 | 76.6 | 7.2 |
| 55.6 | 137.9 | 16528.2 | 100.0 | -66.5 | -99.9 | 263.9 | 20.8 | 18.7 | 9.1 | 393.3 | 329.9 | 99.9 | 99.9 | 83.1 | 7.2 |
| 61.2 | 146.7 | 18270.5 | 75.0 | -64.9 | -99.9 | 264.1 | 11.5 | 11.4 | 1.2 | 437.0 | 329.9 | 99.9 | 99.9 | 90.1 | 7.2 |
| 69.3 | 153.0 | 20759.1 | 50.0 | -58.2 | -99.9 | 226.8 | 8.7 | 6.4 | 6.0 | 506.5 | 329.9 | 99.9 | 99.9 | 92.1 | 7.3 |
| 81.6 | 161.3 | 25273.1 | 25.0 | -51.0 | -99.9 | 59.0 | 2.4 | -2.0 | -1.2 | 636.4 | 329.9 | 99.9 | 99.9 | 92.5 | 7.4 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 201
DEL RIO, TEX

24 APRIL 1975
1715 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD GM/KG | RM PCT | RANGE KM | AZ DU |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.2 | P.7 | 314.0 | 974.1 | 26.2 | 19.1 | 130.0 | 4.1 | -3.1 | 2.6 | 303.6 | 342.4 | 14.5 | 65.0 | 0.0 | 0. |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.9 | 10.9 | 533.9 | 550.0 | 22.7 | 17.7 | 140.8 | 5.1 | -2.8 | 4.2 | 302.1 | 339.4 | 13.6 | 73.2 | 0.2 | 32.2 |
| 1.7 | 13.3 | 765.9 | 925.0 | 20.6 | 17.7 | 140.8 | 4.5 | -2.6 | 3.6 | 303.3 | 339.4 | 13.9 | 83.2 | 0.5 | 32.2 |
| 2.5 | 15.7 | 1002.8 | 900.0 | 18.5 | 17.1 | 138.5 | 3.4 | -2.3 | 2.6 | 302.4 | 339.4 | 13.8 | 91.8 | 0.7 | 32.3 |
| 3.3 | 18.1 | 1244.5 | 875.0 | 16.8 | 15.4 | 170.2 | 1.4 | -0.2 | 1.4 | 302.9 | 337.4 | 12.8 | 92.0 | 0.9 | 32.2 |
| 4.1 | 20.5 | 1493.9 | 850.0 | 21.1 | 10.1 | 294.9 | 4.5 | 4.0 | -1.9 | 309.5 | 335.8 | 9.4 | 50.4 | 0.8 | 32.2 |
| 5.1 | 23.0 | 1751.8 | 825.0 | 15.8 | 5.7 | 291.8 | 6.3 | 5.9 | -2.4 | 310.4 | 330.5 | 7.0 | 39.8 | 0.5 | 34.8 |
| 6.0 | 25.6 | 2016.4 | 800.0 | 18.7 | -2.2 | 288.7 | 7.5 | 7.2 | -2.4 | 311.6 | 323.8 | 4.1 | 24.4 | 0.5 | 36.2 |
| 6.9 | 28.2 | 2287.4 | 775.0 | 17.3 | -36.2 | 274.0 | 7.1 | 7.0 | -0.5 | 312.5 | 313.3 | 0.2 | 1.4 | 0.7 | 6.7 |
| 7.9 | 31.0 | 2566.0 | 750.0 | 16.8 | -30.6 | 250.9 | 7.1 | 6.9 | 1.6 | 314.8 | 315.4 | 0.2 | 1.0 | 1.1 | 7.2 |
| 8.0 | 33.8 | 2853.6 | 725.0 | 15.3 | -40.6 | 250.6 | 9.1 | 8.6 | 3.0 | 316.2 | 316.7 | 0.1 | 1.0 | 1.6 | 7.3 |
| 9.3 | 36.3 | 3149.1 | 700.0 | 13.1 | -41.9 | 240.0 | 8.6 | 7.4 | 4.3 | 317.0 | 317.5 | 0.1 | 1.0 | 2.1 | 7.1 |
| 10.9 | 39.3 | 3452.7 | 675.0 | 10.7 | -37.6 | 219.7 | 9.1 | 5.8 | 7.0 | 317.6 | 318.9 | 0.4 | 3.2 | 2.6 | 6.8 |
| 12.0 | 42.0 | 3765.1 | 650.0 | 7.6 | -14.4 | 210.5 | 11.8 | 6.0 | 10.2 | 317.8 | 323.9 | 1.9 | 19.1 | 3.2 | 6.0 |
| 13.0 | 44.9 | 4026.5 | 625.0 | 5.1 | -18.9 | 211.5 | 11.9 | 6.2 | 10.2 | 318.4 | 322.9 | 1.4 | 15.7 | 3.4 | 5.2 |
| 14.1 | 48.0 | 4417.6 | 600.0 | 2.1 | -15.0 | 213.3 | 12.2 | 6.7 | 10.2 | 318.8 | 325.1 | 2.0 | 26.7 | 4.6 | 5.1 |
| 15.2 | 50.9 | 4759.2 | 575.0 | -1.0 | -12.0 | 222.1 | 13.9 | 9.3 | 10.3 | 319.1 | 327.4 | 2.6 | 42.8 | 5.5 | 4.8 |
| 16.3 | 54.0 | 5111.8 | 550.0 | -4.1 | -19.2 | 232.2 | 14.5 | 11.4 | 6.9 | 319.4 | 324.3 | 1.5 | 29.5 | 6.4 | 4.8 |
| 17.7 | 57.1 | 5476.7 | 525.0 | -6.9 | -32.1 | 245.2 | 17.3 | 15.7 | 7.3 | 320.1 | 321.9 | 0.5 | 11.3 | 7.7 | 5.0 |
| 19.0 | 60.6 | 5855.7 | 500.0 | -9.5 | -37.9 | 251.3 | 17.7 | 16.8 | 5.7 | 321.4 | 322.5 | 0.3 | 8.0 | 9.0 | 5.1 |
| 20.2 | 63.0 | 6245.5 | 475.0 | -12.7 | -41.4 | 257.7 | 19.6 | 19.1 | 4.2 | 322.2 | 322.9 | 0.2 | 6.9 | 10.2 | 5.0 |
| 21.6 | 67.3 | 6660.6 | 450.0 | -14.9 | -43.0 | 256.0 | 23.0 | 22.3 | 5.4 | 324.5 | 325.3 | 0.2 | 8.7 | 11.9 | 5.2 |
| 23.0 | 70.8 | 7090.0 | 425.0 | -18.3 | -58.7 | 256.9 | 21.7 | 21.1 | 4.9 | 325.5 | 325.6 | 0.0 | 1.8 | 13.8 | 6.1 |
| 24.6 | 74.6 | 7540.3 | 400.0 | -20.8 | -48.3 | 256.7 | 21.1 | 20.6 | 4.9 | 327.9 | 329.4 | 0.1 | 8.2 | 15.7 | 6.3 |
| 26.2 | 78.5 | 8014.1 | 375.0 | -24.5 | -31.6 | 262.3 | 25.3 | 25.1 | 3.4 | 329.2 | 331.7 | 0.7 | 51.6 | 17.8 | 6.5 |
| 28.0 | 82.3 | 8513.4 | 350.0 | -27.8 | -37.5 | 261.3 | 31.7 | 31.3 | 4.8 | 331.2 | 332.8 | 0.4 | 38.8 | 20.9 | 6.6 |
| 29.9 | 86.3 | 9041.0 | 325.0 | -32.3 | -39.0 | 261.2 | 31.0 | 30.6 | 4.4 | 332.1 | 333.5 | 0.4 | 51.5 | 24.3 | 7.0 |
| 32.0 | 90.8 | 9601.0 | 300.0 | -36.3 | -46.7 | 256.5 | 30.4 | 29.5 | 7.6 | 334.2 | 334.9 | 0.2 | 33.0 | 26.0 | 7.1 |
| 34.0 | 95.4 | 10159.2 | 275.0 | -40.8 | -99.9 | 254.7 | 31.1 | 30.0 | 6.2 | 336.6 | 336.6 | 99.9 | 99.9 | 31.6 | 7.1 |
| 36.2 | 102.2 | 10839.6 | 250.0 | -46.7 | 99.9 | 254.2 | 33.6 | 33.3 | 5.1 | 338.0 | 338.0 | 99.9 | 99.9 | 36.2 | 7.2 |
| 38.6 | 108.3 | 11530.4 | 225.0 | -52.3 | 99.9 | 261.3 | 31.7 | 31.3 | 4.8 | 338.4 | 338.4 | 99.9 | 99.9 | 40.9 | 7.2 |
| 41.6 | 110.5 | 12351.3 | 200.0 | -58.6 | 99.9 | 261.1 | 40.0 | 39.5 | 6.1 | 340.0 | 340.0 | 99.9 | 99.9 | 46.9 | 7.4 |
| 44.3 | 116.5 | 13109.3 | 175.0 | -64.7 | 99.9 | 260.6 | 46.1 | 45.5 | 7.5 | 343.3 | 343.3 | 99.9 | 99.9 | 53.5 | 7.5 |
| 47.3 | 123.3 | 14041.4 | 150.0 | -66.7 | 99.9 | 274.4 | 38.4 | 38.3 | -3.9 | 345.1 | 345.1 | 99.9 | 99.9 | 61.3 | 7.6 |
| 50.4 | 130.3 | 15148.2 | 125.0 | -66.0 | 99.9 | 258.4 | 28.2 | 27.6 | 5.7 | 375.5 | 375.5 | 99.9 | 99.9 | 67.4 | 7.7 |
| 55.1 | 137.7 | 16591.7 | 100.0 | -65.3 | 99.9 | 254.5 | 16.0 | 15.4 | 4.3 | 373.8 | 373.8 | 99.9 | 99.9 | 73.6 | 7.7 |
| 60.5 | 145.3 | 18156.4 | 75.0 | -67.9 | 99.9 | 261.0 | 17.2 | 17.0 | 2.7 | 430.6 | 430.6 | 99.9 | 99.9 | 79.5 | 7.6 |
| 68.1 | 154.3 | 20703.2 | 50.0 | -57.8 | 99.9 | 306.3 | 1.8 | -1.1 | -1.5 | 507.3 | 507.3 | 99.9 | 99.9 | 81.2 | 7.6 |
| 79.7 | 164.0 | 25132.1 | 25.0 | -52.6 | 99.9 | 77.5 | 4.7 | -4.6 | -1.0 | 633.5 | 633.5 | 99.9 | 99.9 | 80.1 | 7.7 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 205
MIDLAND, TEX

24 APRIL 1975
1715 GMT

| TIME MIN | CNCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 12.4 | 673.0 | 912.3 | 28.9 | -0.3 | 300.0 | 4.1 | 3.6 | -2.0 | 310.7 | 322.8 | 4.1 | 15.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 13.5 | 952.9 | 900.0 | 26.2 | -1.4 | 286.6 | 9.1 | 8.6 | -2.9 | 319.0 | 320.3 | 3.8 | 16.2 | 0.1 | 13.5 |
| 1.1 | 15.7 | 1239.4 | 875.0 | 24.0 | -3.4 | 295.6 | 8.1 | 7.3 | -3.5 | 309.2 | 319.3 | 3.4 | 16.0 | 0.5 | 12.3 |
| 2.0 | 16.0 | 1491.2 | 850.0 | 21.6 | -4.4 | 301.6 | 5.6 | 4.8 | -2.9 | 309.3 | 319.0 | 3.3 | 17.0 | 0.2 | 12.3 |
| 2.9 | 20.4 | 1749.6 | 825.0 | 19.1 | -5.3 | 303.8 | 5.2 | 4.3 | -2.9 | 309.2 | 318.6 | 3.1 | 18.6 | 1.2 | 14.3 |
| 3.5 | 25.7 | 2011.4 | 800.0 | 16.6 | -5.4 | 278.0 | 4.1 | 4.1 | -0.6 | 309.2 | 319.5 | 3.1 | 20.9 | 1.4 | 12.6 |
| 4.5 | 25.2 | 2280.1 | 775.0 | 14.0 | -4.9 | 241.2 | 3.7 | 3.2 | 1.8 | 309.4 | 319.6 | 3.4 | 25.6 | 1.5 | 11.6 |
| 5.5 | 27.6 | 2555.3 | 750.0 | 11.4 | -4.9 | 234.5 | 6.5 | 5.3 | 3.8 | 309.4 | 320.0 | 3.6 | 31.4 | 1.7 | 17.5 |
| 6.4 | 32.2 | 2836.1 | 725.0 | 11.2 | -18.7 | 241.3 | 8.2 | 7.2 | 3.7 | 311.9 | 315.7 | 1.2 | 40.5 | 2.0 | 7.6 |
| 7.4 | 32.9 | 3129.3 | 700.0 | 8.8 | -20.8 | 251.3 | 10.4 | 9.9 | 3.3 | 312.3 | 315.7 | 1.0 | 10.3 | 2.5 | 7.6 |
| 8.3 | 35.5 | 3428.6 | 675.0 | 6.6 | -22.6 | 245.8 | 12.2 | 11.1 | 5.0 | 313.1 | 316.1 | 0.9 | 10.2 | 3.1 | 7.6 |
| 9.4 | 36.2 | 3736.7 | 650.0 | 4.4 | -24.3 | 236.9 | 13.5 | 11.3 | 7.4 | 314.0 | 316.7 | 0.8 | 10.2 | 3.3 | 7.6 |
| 10.5 | 40.9 | 4054.2 | 625.0 | 1.7 | -26.1 | 235.2 | 15.1 | 12.4 | 8.6 | 314.4 | 316.8 | 0.7 | 10.5 | 4.6 | 7.6 |
| 11.6 | 43.9 | 4392.1 | 600.0 | 0.5 | -26.9 | 243.4 | 18.6 | 16.6 | 8.3 | 316.8 | 319.1 | 0.7 | 10.6 | 5.4 | 7.3 |
| 12.9 | 46.9 | 4722.7 | 575.0 | -0.7 | -30.1 | 243.6 | 23.5 | 21.0 | 10.5 | 319.3 | 321.1 | 0.5 | 8.6 | 7.4 | 7.2 |
| 14.1 | 48.5 | 5075.9 | 550.0 | -3.2 | -31.7 | 237.6 | 24.7 | 20.8 | 13.2 | 320.3 | 321.0 | 0.5 | 8.8 | 9.2 | 6.6 |
| 15.4 | 52.8 | 5442.0 | 525.0 | -6.2 | -33.6 | 235.5 | 24.2 | 20.0 | 13.7 | 321.0 | 322.5 | 0.4 | 9.2 | 11.0 | 7.7 |
| 16.7 | 55.9 | 5821.0 | 500.0 | -9.5 | -35.8 | 235.5 | 25.0 | 20.6 | 14.2 | 321.5 | 322.8 | 0.4 | 9.5 | 13.0 | 7.5 |
| 18.3 | 55.1 | 6214.4 | 475.0 | -13.0 | -36.2 | 237.6 | 23.9 | 20.2 | 12.8 | 321.8 | 322.9 | 0.3 | 9.5 | 15.1 | 7.6 |
| 19.7 | 52.6 | 6624.6 | 450.0 | -15.8 | -40.1 | 240.2 | 23.7 | 20.6 | 11.8 | 323.3 | 324.2 | 0.3 | 10.2 | 17.2 | 7.3 |
| 21.2 | 60.0 | 7052.4 | 425.0 | -18.9 | -42.3 | 243.2 | 24.2 | 21.6 | 10.9 | 324.7 | 325.5 | 0.2 | 10.6 | 19.3 | 7.3 |
| 22.6 | 65.6 | 7501.2 | 400.0 | -22.3 | -44.7 | 248.0 | 24.0 | 22.2 | 9.0 | 325.9 | 326.6 | 0.2 | 11.0 | 21.4 | 7.3 |
| 24.2 | 73.2 | 7971.6 | 375.0 | -26.2 | -47.4 | 253.8 | 25.4 | 24.3 | 7.1 | 326.9 | 327.4 | 0.1 | 11.4 | 23.7 | 7.4 |
| 25.8 | 77.3 | 8466.5 | 350.0 | -30.4 | -50.5 | 254.1 | 28.5 | 27.4 | 7.8 | 327.8 | 328.2 | 0.1 | 11.8 | 26.3 | 7.4 |
| 27.7 | 81.2 | 8959.8 | 325.0 | -34.6 | -53.6 | 252.3 | 28.5 | 27.1 | 6.7 | 328.9 | 329.2 | 0.1 | 12.3 | 29.3 | 7.4 |
| 29.6 | 85.6 | 9542.2 | 300.0 | -38.5 | -48.7 | 251.9 | 34.1 | 32.5 | 10.6 | 331.0 | 331.6 | 0.1 | 33.2 | 33.0 | 7.7 |
| 31.5 | 90.0 | 10136.5 | 275.0 | -42.4 | 99.9 | 252.0 | 43.0 | 40.9 | 13.3 | 333.8 | 999.9 | 99.9 | 99.9 | 37.5 | 7.7 |
| 33.6 | 95.2 | 10773.5 | 250.0 | -47.7 | 99.9 | 251.9 | 39.6 | 37.7 | 12.3 | 335.2 | 999.9 | 99.9 | 99.9 | 42.6 | 7.6 |
| 35.9 | 100.2 | 11461.4 | 225.0 | -52.8 | 99.9 | 261.2 | 47.6 | 47.0 | 7.3 | 337.6 | 999.9 | 99.9 | 99.9 | 46.3 | 7.6 |
| 38.3 | 105.8 | 12210.0 | 200.0 | -59.4 | 99.9 | 262.7 | 47.7 | 47.3 | 5.9 | 338.6 | 999.9 | 99.9 | 99.9 | 55.3 | 7.1 |
| 40.8 | 111.6 | 13037.6 | 175.0 | -63.9 | 99.9 | 261.0 | 51.8 | 51.1 | 6.1 | 344.5 | 999.9 | 99.9 | 99.9 | 61.6 | 7.2 |
| 43.3 | 116.3 | 13966.1 | 150.0 | -60.8 | 99.9 | 259.9 | 36.1 | 35.6 | 6.3 | 365.4 | 999.9 | 99.9 | 99.9 | 71.5 | 7.3 |
| 47.7 | 125.3 | 15116.5 | 125.0 | -63.7 | 99.9 | 254.3 | 33.4 | 32.1 | 5.0 | 374.7 | 999.9 | 99.9 | 99.9 | 77.9 | 7.3 |
| 52.3 | 134.0 | 15986.5 | 100.0 | -65.6 | 99.9 | 244.5 | 28.9 | 26.0 | 12.4 | 400.9 | 999.9 | 99.9 | 99.9 | 85.8 | 7.3 |
| 59.1 | 142.3 | 18244.3 | 75.0 | -63.9 | 99.9 | 243.5 | 7.1 | 6.9 | -1.6 | 439.0 | 999.9 | 99.9 | 99.9 | 91.9 | 7.4 |
| 64.1 | 151.3 | 20708.6 | 50.0 | -55.8 | 99.9 | 258.6 | 6.4 | 6.3 | 1.3 | 512.1 | 999.9 | 99.9 | 99.9 | 98.2 | 7.4 |
| 70.5 | 160.3 | 25242.8 | 25.0 | -50.4 | 99.9 | 87.5 | 2.6 | -2.6 | -0.1 | 634.9 | 999.9 | 99.9 | 99.9 | 98.8 | 7.5 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE
OF POOR QUALITY

STATION NO. 304
HATTENAS, NC

24 APRIL 1975
1800 GMT

| TIME MIN | CATCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT Y DG K | E POT Y DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.4 | 4.0 | 1021.7 | 23.2 | 14.7 | 220.3 | 7.2 | 4.6 | 5.3 | 295.9 | 323.4 | 10.4 | 59.0 | 0.0 | 0 |
| 0.6 | 6.1 | 190.1 | 1000.0 | 20.3 | 11.5 | 219.1 | 16.1 | 10.2 | 12.5 | 294.6 | 317.3 | 8.6 | 57.0 | 0.7 | 30 |
| 1.6 | 6.1 | 400.0 | 1000.0 | 18.2 | 10.3 | 218.1 | 18.6 | 11.5 | 14.7 | 294.6 | 316.1 | 8.1 | 59.8 | 1.5 | 10 |
| 2.5 | 16.2 | 630.0 | 950.0 | 16.1 | 7.3 | 215.1 | 19.3 | 11.1 | 15.8 | 294.5 | 312.6 | 6.8 | 55.6 | 2.5 | 30 |
| 3.3 | 12.2 | 854.3 | 925.0 | 14.3 | 6.5 | 215.4 | 18.2 | 10.6 | 14.9 | 294.9 | 312.6 | 6.6 | 59.2 | 3.4 | 30 |
| 4.2 | 18.5 | 1087.3 | 900.0 | 12.6 | 5.2 | 221.5 | 17.4 | 11.5 | 13.0 | 295.4 | 312.1 | 6.2 | 60.5 | 4.4 | 10 |
| 5.1 | 18.5 | 1323.3 | 875.0 | 11.7 | 7.7 | 225.6 | 17.0 | 11.2 | 11.9 | 295.3 | 303.3 | 2.4 | 24.9 | 5.2 | 30 |
| 6.0 | 16.7 | 1565.0 | 850.0 | 10.4 | 7.6 | 233.1 | 14.1 | 11.3 | 8.4 | 297.3 | 304.7 | 2.5 | 27.5 | 6.1 | 40 |
| 6.8 | 20.8 | 1813.2 | 825.0 | 9.5 | 3.6 | 236.1 | 11.5 | 9.6 | 6.4 | 299.4 | 316.1 | 6.1 | 67.1 | 6.7 | 40 |
| 7.8 | 23.2 | 2068.4 | 800.0 | 8.3 | 3.0 | 238.4 | 9.0 | 7.7 | 4.7 | 300.7 | 317.3 | 5.9 | 69.3 | 7.3 | 40 |
| 8.6 | 23.5 | 2330.3 | 775.0 | 6.5 | 2.6 | 232.9 | 9.0 | 7.2 | 5.4 | 301.6 | 318.3 | 6.0 | 76.1 | 7.8 | 40 |
| 9.9 | 30.3 | 2559.2 | 750.0 | 5.6 | 1.2 | 231.1 | 9.8 | 7.6 | 6.2 | 303.3 | 319.1 | 5.6 | 73.5 | 8.4 | 40 |
| 10.9 | 30.3 | 2875.6 | 725.0 | 4.8 | 1.5 | 242.0 | 9.8 | 6.7 | 4.6 | 305.4 | 319.0 | 4.8 | 63.7 | 9.3 | 40 |
| 12.0 | 22.3 | 3142.2 | 700.0 | 3.4 | 1.4 | 249.2 | 9.7 | 9.1 | 3.4 | 307.8 | 318.1 | 3.9 | 56.2 | 10.1 | 40 |
| 12.9 | 38.5 | 3456.7 | 675.0 | 1.5 | 5.9 | 263.6 | 9.5 | 9.5 | 1.0 | 307.8 | 318.6 | 3.6 | 57.6 | 10.1 | 40 |
| 13.9 | 38.0 | 3755.5 | 650.0 | 0.9 | 8.6 | 279.9 | 11.4 | 11.2 | 2.0 | 308.3 | 317.4 | 3.1 | 55.7 | 10.5 | 50 |
| 15.0 | 40.5 | 4072.2 | 625.0 | 1.8 | 14.8 | 287.1 | 14.5 | 13.8 | 4.3 | 313.6 | 316.6 | 1.9 | 36.5 | 10.9 | 50 |
| 16.1 | 43.5 | 4396.7 | 600.0 | 2.6 | 22.0 | 283.0 | 15.0 | 14.6 | 3.4 | 313.2 | 316.7 | 1.1 | 20.7 | 11.6 | 50 |
| 17.4 | 46.4 | 4732.1 | 575.0 | 3.8 | 24.9 | 287.2 | 15.3 | 14.6 | 4.5 | 313.3 | 316.1 | 0.9 | 20.4 | 12.4 | 60 |
| 18.6 | 49.4 | 5078.6 | 550.0 | 8.2 | 26.9 | 294.3 | 16.2 | 14.8 | 6.7 | 315.9 | 317.0 | 0.8 | 20.6 | 13.2 | 70 |
| 19.9 | 52.3 | 5432.4 | 525.0 | 10.5 | 23.3 | 305.1 | 15.2 | 12.4 | 8.7 | 315.9 | 317.0 | 1.1 | 34.5 | 14.3 | 70 |
| 21.3 | 55.4 | 5812.8 | 500.0 | 12.1 | 41.8 | 299.4 | 12.9 | 11.2 | 6.3 | 318.3 | 319.0 | 0.2 | 6.3 | 14.6 | 70 |
| 22.8 | 58.5 | 6202.8 | 475.0 | 15.0 | 43.7 | 291.2 | 13.7 | 12.7 | 4.9 | 318.3 | 319.9 | 0.2 | 6.5 | 15.5 | 70 |
| 24.2 | 62.0 | 6609.3 | 450.0 | 18.0 | 44.1 | 285.8 | 13.2 | 12.7 | 3.6 | 320.5 | 321.1 | 0.2 | 8.0 | 16.5 | 70 |
| 25.8 | 65.4 | 7034.0 | 425.0 | 21.1 | 37.3 | 283.9 | 13.8 | 13.4 | 3.3 | 321.9 | 323.2 | 0.4 | 21.9 | 17.7 | 80 |
| 27.3 | 69.0 | 7478.3 | 400.0 | 24.8 | 41.5 | 282.9 | 14.4 | 14.0 | 3.2 | 322.8 | 323.7 | 0.2 | 19.3 | 18.9 | 80 |
| 28.9 | 72.5 | 7946.1 | 375.0 | 27.1 | 42.5 | 298.3 | 10.4 | 9.1 | 4.9 | 325.7 | 326.6 | 0.2 | 21.4 | 20.3 | 80 |
| 30.4 | 76.5 | 8435.8 | 350.0 | 30.7 | 47.2 | 309.1 | 7.7 | 9.9 | 4.8 | 327.3 | 327.8 | 0.1 | 17.8 | 20.5 | 90 |
| 32.7 | 80.6 | 8961.5 | 325.0 | 35.2 | 50.8 | 287.7 | 9.6 | 9.2 | 2.9 | 328.1 | 328.5 | 0.1 | 18.4 | 21.4 | 90 |
| 34.1 | 84.6 | 9513.9 | 300.0 | 39.9 | 59.9 | 266.0 | 12.5 | 11.2 | 5.5 | 329.1 | 329.9 | 99.9 | 99.9 | 22.7 | 90 |
| 35.3 | 89.3 | 10101.2 | 275.0 | 45.1 | 59.9 | 321.9 | 14.4 | 6.9 | 11.3 | 329.9 | 329.9 | 99.9 | 99.9 | 23.7 | 90 |
| 36.3 | 94.2 | 10730.8 | 250.0 | 50.2 | 99.9 | 341.3 | 18.1 | 5.8 | 17.1 | 331.5 | 329.9 | 99.9 | 99.9 | 24.6 | 90 |
| 40.4 | 99.3 | 11410.4 | 225.0 | 55.2 | 99.9 | 334.7 | 17.3 | 7.4 | 15.6 | 334.0 | 329.9 | 99.9 | 99.9 | 25.7 | 90 |
| 42.9 | 104.3 | 12151.4 | 200.0 | 60.5 | 94.9 | 310.8 | 17.9 | 13.5 | 11.7 | 337.0 | 329.9 | 99.9 | 99.9 | 27.5 | 100 |
| 45.7 | 110.6 | 12973.0 | 175.0 | 64.8 | 90.9 | 296.2 | 19.1 | 16.7 | 9.4 | 342.1 | 329.9 | 99.9 | 99.9 | 30.4 | 100 |
| 48.4 | 117.3 | 13918.7 | 150.0 | 62.2 | 99.9 | 289.4 | 33.0 | 31.0 | 11.2 | 342.9 | 329.9 | 99.9 | 99.9 | 35.6 | 100 |
| 52.0 | 125.0 | 15056.8 | 125.0 | 59.8 | 99.9 | 280.0 | 31.1 | 30.7 | 5.4 | 380.7 | 329.9 | 99.9 | 99.9 | 42.3 | 100 |
| 56.2 | 133.0 | 16436.2 | 100.0 | 62.0 | 99.3 | 298.1 | 21.9 | 19.3 | 10.3 | 408.0 | 329.9 | 99.9 | 99.9 | 49.5 | 100 |
| 61.0 | 141.3 | 18187.0 | 75.0 | 65.0 | 99.3 | 319.3 | 8.2 | 5.4 | 6.3 | 436.6 | 329.9 | 99.9 | 99.9 | 53.6 | 100 |
| 66.3 | 156.5 | 23699.6 | 40.0 | 57.4 | 99.9 | 116.0 | 8.9 | 0.8 | 0.4 | 508.2 | 329.9 | 99.9 | 99.9 | 51.6 | 100 |
| 70.8 | 161.5 | 25147.0 | 25.0 | 49.9 | 99.9 | 267.4 | 1.0 | 1.0 | 0.0 | 641.5 | 329.9 | 99.9 | 99.9 | 53.7 | 100 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 311
ATHENS, GA24 APRIL 1975
1800 GMT

| TIME MIN | CNCTY | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR CG | SPD M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E PUT T DG K | MR RTO GM/KG | CM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|--------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.8 | 246.0 | 991.5 | 23.9 | 16.2 | 210.0 | 6.2 | 3.1 | 5.4 | 299.4 | 233.7 | 11.8 | 62.0 | 0.0 | 0. |
| 99.0 | 6.8 | 59.9 | 1000.0 | 59.9 | 59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 6.4 | 391.7 | 975.0 | 21.2 | 11.4 | 221.3 | 9.8 | 6.5 | 7.3 | 257.7 | 321.1 | 8.7 | 53.4 | 0.3 | 4.0 |
| 1.4 | 10.5 | 616.5 | 950.0 | 19.8 | 11.5 | 233.7 | 9.1 | 6.3 | 6.6 | 298.5 | 322.7 | 9.0 | 58.5 | 0.7 | 4.3 |
| 1.0 | 12.8 | 645.5 | 925.0 | 17.2 | 10.6 | 247.6 | 9.1 | 6.7 | 6.1 | 298.1 | 321.5 | 8.7 | 65.0 | 1.1 | 4.5 |
| 2.5 | 15.1 | 1076.9 | 900.0 | 15.1 | 10.1 | 225.0 | 9.2 | 6.5 | 6.5 | 298.2 | 321.5 | 8.7 | 71.9 | 1.4 | 4.5 |
| 3.2 | 17.3 | 1317.1 | 875.0 | 12.6 | 9.5 | 232.7 | 9.8 | 7.8 | 5.9 | 298.0 | 321.0 | 8.6 | 81.3 | 1.8 | 4.5 |
| 4.1 | 15.7 | 1560.1 | 850.0 | 10.9 | 7.5 | 243.3 | 11.4 | 10.2 | 5.1 | 294.6 | 319.5 | 7.7 | 79.7 | 2.3 | 4.2 |
| 5.1 | 22.0 | 1804.9 | 825.0 | 9.2 | 6.6 | 241.2 | 12.6 | 11.0 | 6.1 | 293.3 | 317.7 | 7.5 | 83.6 | 3.0 | 5.0 |
| 5.9 | 28.5 | 2364.9 | 800.0 | 10.2 | 6.0 | 244.8 | 15.5 | 14.0 | 6.6 | 303.0 | 323.4 | 7.4 | 75.4 | 3.7 | 5.0 |
| 6.6 | 26.9 | 2329.1 | 775.0 | 9.5 | 2.6 | 241.3 | 15.9 | 14.0 | 7.6 | 303.8 | 321.7 | 6.0 | 62.1 | 4.5 | 5.0 |
| 7.7 | 25.4 | 2601.0 | 750.0 | 7.9 | 1.4 | 235.4 | 17.5 | 14.5 | 9.3 | 305.6 | 321.9 | 5.7 | 63.5 | 5.4 | 5.0 |
| 8.7 | 32.1 | 2879.8 | 725.0 | 5.4 | 0.3 | 234.8 | 17.9 | 14.6 | 10.4 | 306.1 | 321.6 | 5.4 | 69.7 | 6.5 | 4.0 |
| 9.7 | 34.3 | 3155.9 | 700.0 | 3.9 | -6.2 | 239.6 | 17.7 | 15.3 | 6.5 | 307.3 | 317.4 | 4.0 | 47.5 | 7.6 | 5.0 |
| 10.8 | 37.3 | 3461.7 | 675.0 | 3.8 | -4.6 | 249.7 | 18.8 | 17.6 | 6.5 | 310.4 | 322.3 | 3.4 | 54.0 | 8.7 | 5.0 |
| 11.7 | 40.1 | 3767.5 | 650.0 | 2.0 | -6.1 | 255.3 | 19.5 | 18.9 | 4.9 | 311.7 | 322.9 | 3.7 | 54.9 | 9.9 | 5.0 |
| 12.7 | 42.6 | 4082.9 | 625.0 | -0.3 | -7.1 | 263.7 | 18.9 | 18.8 | 2.1 | 312.5 | 323.3 | 3.6 | 60.3 | 10.9 | 4.0 |
| 13.8 | 45.8 | 4409.4 | 600.0 | -2.7 | -9.0 | 272.3 | 19.1 | 19.1 | -0.8 | 313.3 | 323.1 | 3.2 | 61.4 | 12.0 | 6.0 |
| 15.0 | 48.7 | 4744.5 | 575.0 | -5.4 | -9.2 | 276.4 | 18.6 | 18.5 | -2.1 | 314.0 | 324.1 | 3.3 | 75.0 | 13.2 | 6.0 |
| 16.2 | 51.6 | 5092.1 | 550.0 | -7.8 | -10.5 | 274.0 | 17.9 | 17.8 | -1.4 | 315.2 | 324.8 | 3.1 | 80.7 | 14.3 | 6.0 |
| 17.4 | 54.6 | 5452.5 | 525.0 | -10.5 | -14.5 | 277.0 | 18.2 | 18.1 | -2.4 | 316.0 | 323.4 | 2.4 | 72.5 | 15.6 | 7.0 |
| 18.7 | 57.6 | 5824.5 | 500.0 | -13.1 | -17.4 | 276.4 | 19.3 | 18.2 | -0.9 | 317.3 | 323.5 | 1.9 | 69.8 | 16.4 | 7.0 |
| 20.0 | 60.9 | 6215.9 | 475.0 | -15.5 | -21.0 | 272.6 | 19.9 | 19.9 | -0.9 | 318.9 | 323.8 | 1.5 | 62.9 | 18.3 | 7.0 |
| 21.4 | 64.4 | 6622.0 | 450.0 | -18.2 | -26.3 | 269.8 | 22.7 | 22.7 | 0.1 | 320.4 | 323.7 | 1.0 | 49.3 | 19.9 | 7.0 |
| 22.7 | 67.6 | 7047.4 | 425.0 | -20.3 | -43.9 | 278.2 | 22.0 | 21.8 | -3.1 | 322.6 | 323.5 | 0.2 | 10.1 | 21.7 | 7.0 |
| 24.3 | 71.3 | 7492.6 | 400.0 | -23.9 | -46.4 | 281.1 | 22.4 | 22.0 | -4.3 | 323.9 | 324.4 | 0.1 | 10.4 | 23.5 | 6.0 |
| 25.7 | 74.9 | 7960.1 | 375.0 | -27.6 | -49.1 | 284.3 | 23.5 | 22.8 | -5.8 | 325.0 | 325.5 | 0.1 | 10.7 | 25.5 | 6.0 |
| 27.4 | 78.7 | 8431.1 | 350.0 | -31.4 | -51.8 | 286.5 | 22.3 | 21.4 | -6.3 | 326.4 | 326.7 | 0.1 | 11.1 | 27.6 | 6.0 |
| 29.2 | 82.3 | 8973.0 | 325.0 | -35.8 | -55.2 | 286.7 | 20.7 | 19.8 | -5.9 | 327.2 | 327.5 | 0.1 | 11.5 | 29.9 | 6.0 |
| 31.1 | 86.4 | 9524.1 | 300.0 | -40.2 | -59.9 | 287.1 | 17.4 | 18.6 | -5.1 | 328.7 | 327.9 | 99.9 | 99.9 | 32.0 | 5.0 |
| 33.1 | 90.9 | 10111.3 | 275.0 | -45.3 | -64.9 | 289.5 | 17.0 | 18.0 | -5.7 | 330.6 | 328.9 | 99.9 | 99.9 | 33.7 | 4.0 |
| 35.4 | 95.3 | 10739.8 | 250.0 | -50.7 | -69.9 | 288.3 | 16.3 | 18.5 | -5.1 | 332.8 | 329.9 | 99.9 | 99.9 | 34.2 | 4.0 |
| 37.8 | 100.3 | 11417.9 | 225.0 | -56.1 | -74.9 | 287.0 | 17.4 | 18.7 | -5.1 | 335.5 | 329.9 | 99.9 | 99.9 | 36.2 | 4.0 |
| 40.1 | 105.6 | 12154.7 | 200.0 | -60.2 | -79.9 | 284.0 | 20.4 | 19.8 | -4.9 | 337.4 | 329.9 | 99.9 | 99.9 | 40.8 | 3.0 |
| 42.7 | 111.3 | 12986.3 | 175.0 | -62.4 | -84.9 | 259.0 | 22.5 | 22.1 | 4.3 | 340.9 | 329.9 | 99.9 | 99.9 | 44.3 | 3.0 |
| 45.6 | 117.3 | 13846.0 | 150.0 | -57.8 | -89.9 | 274.5 | 38.0 | 37.8 | -3.0 | 370.4 | 329.9 | 99.9 | 99.9 | 49.4 | 3.0 |
| 48.2 | 124.3 | 15093.6 | 125.0 | -56.9 | -90.3 | 276.5 | 25.7 | 25.6 | -2.3 | 380.5 | 329.9 | 99.9 | 99.9 | 51.5 | 2.0 |
| 53.7 | 132.3 | 16466.1 | 100.0 | -60.7 | -90.3 | 284.0 | 14.2 | 13.8 | -3.4 | 390.2 | 329.9 | 99.9 | 99.9 | 60.0 | 4.0 |
| 58.2 | 140.0 | 18155.7 | 75.0 | -64.6 | -90.3 | 304.4 | 6.6 | 5.4 | -3.7 | 437.6 | 329.9 | 99.9 | 99.9 | 67.5 | 9.0 |
| 60.7 | 148.3 | 20702.8 | 50.0 | -59.3 | -90.3 | 354.1 | 3.6 | 0.4 | -3.6 | 503.9 | 329.9 | 99.9 | 99.9 | 67.5 | 9.0 |
| 70.1 | 157.5 | 25140.0 | 25.0 | -51.2 | -90.3 | 206.5 | 1.3 | 0.6 | 1.2 | 637.7 | 329.9 | 99.9 | 99.9 | 67.9 | 9.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 317
GREENSBORO, NC24 APRIL 1975
1721 GMT

| TIME MIN | CATCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U CUMP M/SEC | V CUMP M/SEC | POT V DG K | E PJY T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.4 | 275.0 | 985.9 | 24.4 | 15.6 | 220.0 | 9.3 | 6.0 | 7.1 | 300.3 | 330.8 | 11.4 | 58.0 | 0.0 | 0 |
| 99.9 | 99.3 | 99.9 | 1000.0 | 94.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 8.4 | 372.1 | 975.0 | 22.2 | 11.9 | 219.4 | 7.1 | 4.5 | 5.5 | 298.7 | 322.9 | 9.0 | 52.1 | 0.3 | 3.4 |
| 0.8 | 10.7 | 597.1 | 950.0 | 19.7 | 11.4 | 225.5 | 6.4 | 4.5 | 5.9 | 298.4 | 322.5 | 9.0 | 58.8 | 0.5 | 3.6 |
| 1.3 | 12.9 | 826.1 | 925.0 | 17.4 | 10.8 | 227.7 | 11.0 | 6.2 | 7.4 | 299.3 | 322.1 | 8.8 | 64.9 | 0.7 | 4.3 |
| 1.7 | 15.3 | 1059.5 | 900.0 | 14.7 | 10.2 | 226.7 | 12.2 | 6.6 | 8.7 | 297.8 | 321.3 | 8.7 | 74.7 | 1.0 | 4.4 |
| 2.1 | 17.5 | 1297.5 | 875.0 | 12.7 | 11.1 | 216.2 | 11.5 | 7.3 | 8.9 | 298.2 | 323.8 | 9.6 | 90.3 | 1.3 | 4.4 |
| 2.5 | 19.9 | 1540.3 | 850.0 | 10.2 | 9.9 | 226.6 | 10.6 | 7.5 | 7.6 | 298.0 | 324.3 | 9.1 | 98.1 | 1.6 | 4.2 |
| 3.2 | 22.1 | 1769.0 | 825.0 | 8.6 | 8.4 | 236.1 | 14.5 | 12.1 | 8.0 | 298.8 | 321.6 | 8.4 | 98.5 | 2.0 | 4.5 |
| 4.0 | 24.6 | 2042.8 | 800.0 | 6.9 | -6.2 | 239.4 | 21.8 | 18.7 | 11.2 | 298.9 | 306.9 | 2.8 | 34.4 | 3.1 | 4.5 |
| 4.9 | 26.9 | 2304.7 | 775.0 | 7.8 | -1.2 | 241.1 | 21.8 | 19.5 | 9.9 | 302.8 | 315.7 | 4.5 | 53.0 | 4.2 | 5.2 |
| 5.7 | 29.4 | 2575.1 | 750.0 | 7.2 | -1.1 | 249.9 | 20.2 | 18.9 | 7.1 | 305.0 | 318.5 | 4.7 | 55.4 | 5.3 | 5.5 |
| 6.6 | 32.0 | 2853.2 | 725.0 | 5.3 | -2.4 | 256.7 | 18.7 | 18.4 | 3.7 | 305.8 | 319.6 | 4.4 | 57.6 | 6.3 | 5.4 |
| 7.5 | 34.7 | 3135.7 | 700.0 | 4.1 | -3.5 | 267.7 | 18.9 | 18.8 | 0.8 | 307.6 | 319.9 | 4.2 | 57.4 | 7.2 | 6.2 |
| 8.5 | 37.2 | 3414.6 | 675.0 | 2.9 | -4.9 | 268.6 | 20.1 | 20.1 | 0.5 | 309.4 | 321.1 | 3.9 | 56.4 | 8.2 | 6.5 |
| 9.5 | 40.0 | 3739.0 | 650.0 | 0.4 | -7.0 | 268.3 | 21.1 | 21.1 | 0.6 | 309.9 | 323.3 | 3.5 | 57.5 | 9.3 | 6.4 |
| 10.4 | 42.6 | 4053.1 | 625.0 | -1.4 | -7.8 | 268.2 | 22.2 | 22.2 | 0.7 | 311.2 | 321.4 | 3.4 | 61.6 | 10.5 | 7.1 |
| 11.5 | 45.4 | 4377.0 | 600.0 | -4.0 | -8.7 | 267.2 | 21.6 | 21.6 | 1.0 | 311.9 | 321.9 | 3.3 | 69.9 | 11.9 | 7.2 |
| 12.6 | 48.4 | 4711.8 | 575.0 | -5.7 | -12.5 | 267.0 | 18.3 | 18.3 | 1.0 | 313.6 | 321.4 | 2.5 | 58.6 | 13.2 | 7.4 |
| 13.9 | 51.3 | 5055.2 | 550.0 | -7.8 | -18.7 | 271.7 | 18.8 | 18.8 | -0.6 | 315.0 | 320.0 | 1.6 | 41.0 | 14.6 | 7.6 |
| 15.0 | 54.3 | 5419.9 | 525.0 | -10.8 | -19.3 | 271.4 | 19.2 | 19.2 | -1.1 | 315.6 | 323.6 | 1.6 | 49.7 | 15.8 | 7.7 |
| 16.3 | 57.3 | 5792.3 | 500.0 | -13.3 | -18.7 | 273.0 | 20.2 | 20.2 | -0.5 | 317.0 | 322.6 | 1.7 | 63.3 | 17.2 | 7.8 |
| 17.5 | 60.6 | 6180.4 | 475.0 | -16.3 | -22.0 | 274.4 | 20.2 | 20.2 | -1.5 | 318.0 | 322.4 | 1.4 | 60.8 | 18.6 | 8.5 |
| 19.7 | 64.3 | 6595.8 | 450.0 | -19.1 | -25.1 | 268.5 | 23.9 | 23.9 | 0.6 | 319.3 | 322.9 | 1.1 | 58.8 | 20.2 | 8.2 |
| 20.0 | 67.1 | 7005.4 | 425.0 | -21.4 | -27.5 | 272.1 | 21.3 | 21.3 | -0.8 | 321.6 | 324.3 | 0.9 | 57.8 | 22.0 | 8.1 |
| 21.6 | 70.7 | 7453.0 | 400.0 | -25.5 | -31.1 | 278.5 | 22.4 | 22.2 | -3.3 | 321.9 | 324.3 | 0.7 | 56.9 | 24.1 | 8.1 |
| 23.4 | 74.3 | 7918.5 | 375.0 | -28.2 | -38.0 | 280.8 | 19.6 | 16.3 | -3.1 | 324.2 | 324.2 | 0.0 | 1.0 | 26.2 | 8.4 |
| 25.0 | 78.3 | 8405.9 | 350.0 | -31.9 | -59.1 | 275.2 | 13.5 | 13.4 | -1.5 | 325.6 | 325.6 | 0.0 | 5.3 | 27.4 | 8.5 |
| 27.0 | 82.2 | 8928.5 | 325.0 | -36.2 | -62.5 | 275.9 | 16.1 | 16.0 | -1.7 | 326.7 | 326.8 | 0.0 | 4.7 | 29.3 | 8.5 |
| 28.9 | 86.2 | 9475.3 | 300.0 | -40.6 | 59.9 | 287.0 | 17.3 | 16.6 | -2.1 | 328.2 | 959.9 | 99.9 | 99.9 | 31.0 | 8.6 |
| 30.7 | 90.6 | 10065.5 | 275.0 | -45.7 | 99.9 | 281.4 | 17.4 | 17.1 | -3.4 | 329.1 | 994.9 | 99.9 | 99.9 | 32.3 | 8.7 |
| 32.9 | 95.3 | 10692.1 | 250.0 | -51.1 | 99.9 | 280.6 | 21.8 | 21.4 | -4.0 | 330.1 | 999.9 | 99.9 | 99.9 | 35.5 | 8.7 |
| 35.0 | 100.2 | 11359.4 | 225.0 | -56.9 | 99.9 | 287.8 | 17.9 | 17.0 | -5.8 | 331.3 | 999.9 | 99.9 | 99.9 | 37.7 | 8.9 |
| 37.3 | 105.3 | 12104.7 | 200.0 | -63.2 | 99.9 | 283.4 | 24.8 | 24.2 | -5.8 | 332.8 | 999.9 | 99.9 | 99.9 | 40.4 | 9.0 |
| 40.0 | 111.2 | 12924.5 | 175.0 | -62.7 | 99.9 | 285.1 | 31.9 | -1.8 | -8.3 | 346.5 | 999.9 | 99.9 | 99.9 | 44.7 | 9.2 |
| 43.0 | 117.3 | 13655.9 | 150.0 | -59.2 | 99.9 | 291.5 | 33.2 | 30.9 | -12.2 | 368.1 | 999.9 | 99.9 | 99.9 | 51.0 | 9.4 |
| 46.3 | 124.7 | 15317.7 | 125.0 | -62.5 | 99.9 | 271.0 | 21.3 | 21.5 | -0.4 | 381.8 | 999.9 | 99.9 | 99.9 | 55.9 | 9.5 |
| 50.6 | 132.3 | 16359.9 | 100.0 | -65.3 | 99.9 | 276.9 | 17.0 | 26.9 | -2.8 | 401.7 | 999.9 | 99.9 | 99.9 | 62.7 | 9.5 |
| 56.2 | 140.3 | 18144.5 | 75.0 | -63.7 | 99.9 | 304.7 | 7.8 | 6.4 | -4.5 | 439.4 | 999.9 | 99.9 | 99.9 | 67.3 | 9.5 |
| 63.8 | 148.7 | 20663.2 | 50.0 | -58.6 | 99.9 | 47.1 | 1.5 | -1.1 | -1.1 | 504.9 | 999.9 | 99.9 | 99.9 | 68.2 | 9.4 |
| 75.9 | 157.7 | 25115.9 | 25.0 | -50.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 639.7 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 327
NASHVILLE, TENN

24 APRIL 1975
1715 GMT

| TIME MIN | CATCT | HEIGHT GEM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MR MTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.5 | 140.0 | 992.0 | 25.2 | 17.4 | 190.0 | 7.7 | 1.3 | 7.6 | 300.8 | 334.8 | 12.7 | 62.0 | 0.0 | 0.0 |
| 0.9 | 5.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 56.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 6.8 | 331.4 | 975.0 | 22.4 | 17.4 | 59.9 | 99.9 | 99.9 | 99.9 | 236.5 | 231.8 | 12.9 | 73.2 | 99.9 | 99.9 |
| 1.1 | 5.0 | 557.0 | 950.0 | 20.2 | 15.2 | 99.9 | 99.9 | 99.9 | 99.9 | 296.2 | 329.9 | 11.5 | 72.8 | 99.9 | 99.9 |
| 2.0 | 11.0 | 786.7 | 925.0 | 18.1 | 14.8 | 99.9 | 99.9 | 99.9 | 99.9 | 299.3 | 330.1 | 11.5 | 81.2 | 99.9 | 99.9 |
| 3.0 | 13.3 | 1021.3 | 900.0 | 16.4 | 13.2 | 99.9 | 99.9 | 99.9 | 99.9 | 259.9 | 329.4 | 10.7 | 81.2 | 99.9 | 99.9 |
| 3.9 | 15.5 | 1261.2 | 875.0 | 14.9 | 11.5 | 236.8 | 23.6 | 19.7 | 15.5 | 300.6 | 327.1 | 9.8 | 80.0 | 4.5 | 4.2 |
| 4.9 | 17.7 | 1506.4 | 850.0 | 13.2 | 10.5 | 238.7 | 26.5 | 22.6 | 13.7 | 301.3 | 326.8 | 9.4 | 83.2 | 5.6 | 4.6 |
| 5.6 | 20.1 | 1757.4 | 825.0 | 11.4 | 8.7 | 243.5 | 25.7 | 23.0 | 11.5 | 301.8 | 325.4 | 8.6 | 83.4 | 7.1 | 4.6 |
| 6.5 | 22.3 | 2014.8 | 800.0 | 10.5 | 7.9 | 251.7 | 27.6 | 26.2 | 8.7 | 303.4 | 326.5 | 8.4 | 83.5 | 9.4 | 5.1 |
| 7.4 | 24.9 | 2279.7 | 775.0 | 10.0 | 6.8 | 257.2 | 27.2 | 26.5 | 6.0 | 305.8 | 331.4 | 9.2 | 82.1 | 9.7 | 5.1 |
| 8.3 | 27.1 | 2552.2 | 750.0 | 8.3 | 6.2 | 256.7 | 25.8 | 25.1 | 5.9 | 306.6 | 329.0 | 8.0 | 86.7 | 11.2 | 5.6 |
| 9.2 | 29.7 | 2832.1 | 725.0 | 6.4 | 3.4 | 257.8 | 24.0 | 23.4 | 5.1 | 307.3 | 324.5 | 6.6 | 81.2 | 12.4 | 6.0 |
| 10.2 | 32.3 | 3119.3 | 700.0 | 4.0 | -2.2 | 261.0 | 22.4 | 22.2 | 3.5 | 307.7 | 324.7 | 5.9 | 80.9 | 13.7 | 6.7 |
| 11.3 | 35.0 | 3414.4 | 675.0 | 2.4 | -14.0 | 257.6 | 20.0 | 25.4 | 5.6 | 310.3 | 316.6 | 4.8 | 71.1 | 15.1 | 6.4 |
| 12.4 | 37.6 | 3718.9 | 650.0 | 1.0 | -17.4 | 252.3 | 26.9 | 25.6 | 8.2 | 312.1 | 317.0 | 1.6 | 26.6 | 16.5 | 6.4 |
| 13.5 | 40.4 | 4033.6 | 625.0 | -0.5 | -16.7 | 247.9 | 30.6 | 28.3 | 11.5 | 313.0 | 319.4 | 1.7 | 33.5 | 20.6 | 6.7 |
| 14.4 | 43.2 | 4356.6 | 600.0 | -2.9 | -24.7 | 251.7 | 29.1 | 27.6 | 9.1 | 315.3 | 317.4 | 0.6 | 12.5 | 22.7 | 6.7 |
| 15.8 | 46.1 | 4694.8 | 575.0 | -4.0 | -27.6 | 255.3 | 29.0 | 28.0 | 7.4 | 316.5 | 319.8 | 0.7 | 16.7 | 24.7 | 6.7 |
| 17.1 | 48.1 | 5044.0 | 550.0 | -6.5 | -29.7 | 258.5 | 30.9 | 30.3 | 6.2 | 316.9 | 319.0 | 0.6 | 17.5 | 26.9 | 6.4 |
| 18.3 | 50.1 | 5405.3 | 525.0 | -9.6 | -32.2 | 261.6 | 35.0 | 34.7 | 5.1 | 317.2 | 319.0 | 0.5 | 18.1 | 28.2 | 6.2 |
| 19.4 | 52.4 | 5779.7 | 500.0 | -13.0 | -34.5 | 268.0 | 32.2 | 32.1 | 2.9 | 320.1 | 321.3 | 0.3 | 12.9 | 32.1 | 7.1 |
| 20.9 | 54.7 | 6165.3 | 475.0 | -14.4 | -36.8 | 268.0 | 24.0 | 24.6 | 0.9 | 322.0 | 323.6 | 0.5 | 20.2 | 34.4 | 7.1 |
| 22.2 | 56.7 | 6577.2 | 450.0 | -16.9 | -39.5 | 263.9 | 27.0 | 26.8 | 2.9 | 323.1 | 324.1 | 0.3 | 15.8 | 36.4 | 7.1 |
| 23.7 | 58.8 | 7037.6 | 425.0 | -20.2 | -42.3 | 272.9 | 20.8 | 20.8 | -1.0 | 324.1 | 324.9 | 0.2 | 16.2 | 38.4 | 7.1 |
| 25.4 | 60.5 | 7449.7 | 400.0 | -23.8 | -45.2 | 276.2 | 22.4 | 22.3 | -0.0 | 325.2 | 325.9 | 0.2 | 16.5 | 40.4 | 7.1 |
| 27.3 | 72.3 | 7917.7 | 375.0 | -27.4 | -48.0 | 281.1 | 19.3 | 18.9 | -3.7 | 326.0 | 326.3 | 0.1 | 16.9 | 42.4 | 7.1 |
| 29.1 | 77.5 | 8411.1 | 350.0 | -30.9 | -51.4 | 281.1 | 19.3 | 18.9 | 99.9 | 326.1 | 326.3 | 0.1 | 17.1 | 44.4 | 7.1 |
| 30.4 | 81.7 | 8932.3 | 325.0 | -35.3 | -54.0 | 99.9 | 99.9 | 99.9 | 99.9 | 326.1 | 326.3 | 0.1 | 99.9 | 99.9 | 99.9 |
| 32.7 | 86.2 | 9484.4 | 300.0 | -40.0 | -56.9 | 99.9 | 99.9 | 99.9 | 99.9 | 326.1 | 326.3 | 0.1 | 99.9 | 99.9 | 99.9 |
| 35.0 | 91.3 | 10073.0 | 275.0 | -44.6 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 326.1 | 326.3 | 0.1 | 99.9 | 99.9 | 99.9 |
| 37.2 | 96.0 | 10704.4 | 250.0 | -49.5 | -62.8 | 20.9 | 20.3 | 19.8 | -6.8 | 330.6 | 330.9 | 93.9 | 99.9 | 51.3 | 6.4 |
| 39.7 | 101.4 | 11306.9 | 225.0 | -55.3 | -65.9 | 20.3 | 20.3 | 19.8 | -11.3 | 333.8 | 333.8 | 99.9 | 99.9 | 54.3 | 6.4 |
| 42.3 | 107.4 | 12127.7 | 200.0 | -61.3 | -69.9 | 287.1 | 18.4 | 17.6 | -5.5 | 335.7 | 335.7 | 99.9 | 99.9 | 57.3 | 6.4 |
| 45.2 | 113.7 | 12944.4 | 175.0 | -66.4 | -74.9 | 267.9 | 26.5 | 26.5 | 1.0 | 350.3 | 350.3 | 99.9 | 99.9 | 61.2 | 6.4 |
| 48.0 | 120.7 | 13816.0 | 150.0 | -69.3 | -79.9 | 267.9 | 33.9 | 33.9 | 1.2 | 367.9 | 367.9 | 99.9 | 99.9 | 68.7 | 6.4 |
| 51.0 | 126.3 | 15052.3 | 125.0 | -72.1 | -84.9 | 257.4 | 24.0 | 24.2 | 5.4 | 382.5 | 382.5 | 99.9 | 99.9 | 75.3 | 6.4 |
| 53.2 | 136.5 | 16436.3 | 100.0 | -73.4 | -89.9 | 283.6 | 23.7 | 23.0 | -5.6 | 405.2 | 405.2 | 99.9 | 99.9 | 83.7 | 6.4 |
| 56.3 | 146.5 | 18194.7 | 75.0 | -76.0 | -94.9 | 78.4 | 31.2 | -3.1 | -0.6 | 445.0 | 445.0 | 99.9 | 99.9 | 91.3 | 6.4 |
| 72.7 | 172.3 | 20712.9 | 50.0 | -76.5 | -99.9 | 89.2 | 2.5 | -2.5 | -0.0 | 510.5 | 510.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 85.0 | 185.0 | 25180.0 | 25.0 | -80.0 | -99.9 | 35.1 | 2.2 | -1.2 | -1.6 | 644.3 | 644.3 | 99.9 | 99.9 | 91.0 | 8.6 |

ORIGINAL PAGE IS
OF POOR QUALITY

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 300
LITTLE ROCK, ARK24 APRIL 1975
1805 GMT

| TIME MIN | CATCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | WZ RTO CM/KG | RM PCT | RANGE KM | AL DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 5.6 | 75.0 | 1005.4 | 24.4 | 18.3 | 240.0 | 4.1 | 3.6 | 2.1 | 298.9 | 334.1 | 13.4 | 69.0 | 0.0 | 0.0 |
| 0.2 | 5.9 | 126.3 | 1000.0 | 24.0 | 19.0 | 241.6 | 1.4 | 1.6 | 0.4 | 298.9 | 333.7 | 13.2 | 69.4 | 0.1 | 12.0 |
| 3.0 | 6.1 | 347.9 | 975.0 | 22.4 | 14.0 | 224.5 | 2.5 | 1.9 | 1.6 | 255.5 | 335.2 | 13.5 | 76.0 | 0.2 | 21.0 |
| 1.0 | 10.3 | 573.0 | 950.0 | 20.4 | 17.3 | 223.4 | 6.3 | 4.3 | 4.6 | 259.6 | 336.7 | 13.3 | 82.8 | 0.4 | 33.0 |
| 2.4 | 12.4 | 802.9 | 925.0 | 18.2 | 16.7 | 230.7 | 9.4 | 7.2 | 5.9 | 259.6 | 336.3 | 13.1 | 91.2 | 0.4 | 41.0 |
| 3.4 | 14.7 | 1038.7 | 900.0 | 16.2 | 15.2 | 233.1 | 11.1 | 8.9 | 6.7 | 299.9 | 332.4 | 12.2 | 93.6 | 1.3 | 45.0 |
| 4.3 | 16.9 | 1278.6 | 875.0 | 15.1 | 14.1 | 240.7 | 11.3 | 10.5 | 4.2 | 301.0 | 332.3 | 11.7 | 93.9 | 1.9 | 50.0 |
| 5.2 | 19.2 | 1524.4 | 850.0 | 13.8 | 12.8 | 254.4 | 10.8 | 10.4 | 2.9 | 302.0 | 331.8 | 11.0 | 93.9 | 2.5 | 55.0 |
| 6.1 | 21.4 | 1776.4 | 825.0 | 12.5 | 11.6 | 249.9 | 12.3 | 11.6 | 4.2 | 303.2 | 331.8 | 10.5 | 94.3 | 3.1 | 59.0 |
| 6.9 | 23.8 | 2034.9 | 800.0 | 11.3 | 10.6 | 253.6 | 13.1 | 12.6 | 3.7 | 305.6 | 332.3 | 10.1 | 95.3 | 3.7 | 61.0 |
| 7.8 | 26.1 | 2300.0 | 775.0 | 9.4 | 2.8 | 246.9 | 17.9 | 16.5 | 7.0 | 305.9 | 325.0 | 6.1 | 62.5 | 4.6 | 61.0 |
| 8.9 | 28.4 | 2571.5 | 750.0 | 10.3 | 0.4 | 236.3 | 20.0 | 16.6 | 11.1 | 306.4 | 323.7 | 5.3 | 50.3 | 5.9 | 63.0 |
| 10.2 | 31.4 | 2834.9 | 725.0 | 9.0 | -13.3 | 231.5 | 17.0 | 13.3 | 10.6 | 306.6 | 315.5 | 1.9 | 19.1 | 7.3 | 60.0 |
| 11.3 | 34.1 | 3143.9 | 700.0 | 6.7 | -45.8 | 241.1 | 13.5 | 11.9 | 6.5 | 309.9 | 310.2 | 0.1 | 1.0 | 8.4 | 60.0 |
| 12.5 | 36.6 | 3441.1 | 675.0 | 4.7 | -47.0 | 247.2 | 12.7 | 11.7 | 4.9 | 310.9 | 311.2 | 0.1 | 1.0 | 9.2 | 63.0 |
| 13.5 | 39.4 | 3747.1 | 650.0 | 2.6 | -46.4 | 253.0 | 15.1 | 14.5 | 4.4 | 311.5 | 312.1 | 0.1 | 1.0 | 10.0 | 61.0 |
| 14.7 | 42.1 | 4062.9 | 625.0 | 0.8 | -49.5 | 259.9 | 19.6 | 19.3 | 3.4 | 313.4 | 313.6 | 0.1 | 1.0 | 11.2 | 62.0 |
| 15.3 | 45.1 | 4365.1 | 600.0 | -1.5 | -50.9 | 264.7 | 23.4 | 23.2 | 2.4 | 314.3 | 314.5 | 0.1 | 1.0 | 12.6 | 65.0 |
| 17.2 | 48.1 | 4726.6 | 575.0 | -3.4 | -52.1 | 265.8 | 27.8 | 27.8 | 2.1 | 316.0 | 316.2 | 0.1 | 1.0 | 14.6 | 62.0 |
| 18.5 | 51.1 | 5076.2 | 550.0 | -6.0 | -53.7 | 266.2 | 29.6 | 29.6 | 1.9 | 316.9 | 317.1 | 0.0 | 1.0 | 16.9 | 70.0 |
| 19.7 | 54.4 | 5439.3 | 525.0 | -8.9 | -55.6 | 266.9 | 32.0 | 32.0 | 0.1 | 317.6 | 317.8 | 0.0 | 1.0 | 18.9 | 72.0 |
| 21.0 | 57.4 | 5813.6 | 500.0 | -12.0 | -57.5 | 268.8 | 27.7 | 27.7 | 0.6 | 318.4 | 318.5 | 0.0 | 1.0 | 21.2 | 74.0 |
| 22.3 | 60.9 | 6204.8 | 475.0 | -13.4 | -58.5 | 264.5 | 25.3 | 24.8 | 5.1 | 321.1 | 321.2 | 0.0 | 1.0 | 24.2 | 75.0 |
| 23.7 | 64.5 | 6613.2 | 450.0 | -17.1 | -60.5 | 256.1 | 24.5 | 23.7 | 5.9 | 321.7 | 321.8 | 0.0 | 1.0 | 25.1 | 75.0 |
| 25.0 | 68.3 | 7039.5 | 425.0 | -20.2 | -61.4 | 254.9 | 23.6 | 23.4 | 4.4 | 323.0 | 323.0 | 0.0 | 1.2 | 27.6 | 75.0 |
| 27.0 | 71.6 | 7485.6 | 400.0 | -23.8 | -60.9 | 260.4 | 25.7 | 25.3 | 4.3 | 324.0 | 324.1 | 0.0 | 1.8 | 30.1 | 76.0 |
| 29.0 | 75.7 | 7952.9 | 375.0 | -28.0 | -61.4 | 264.1 | 26.9 | 26.8 | 2.8 | 324.5 | 324.6 | 0.0 | 2.4 | 33.1 | 71.0 |
| 30.7 | 79.8 | 8445.1 | 350.0 | -31.1 | -62.2 | 265.2 | 23.5 | 23.4 | 2.8 | 326.2 | 326.9 | 0.0 | 2.9 | 35.7 | 77.0 |
| 32.5 | 84.0 | 8965.4 | 325.0 | -35.5 | -63.8 | 263.1 | 24.2 | 24.0 | 2.9 | 326.7 | 327.8 | 0.0 | 3.6 | 38.2 | 79.0 |
| 34.3 | 88.2 | 9517.6 | 300.0 | -39.7 | -64.5 | 269.0 | 21.6 | 21.6 | 0.6 | 329.4 | 329.9 | 99.9 | 99.9 | 40.5 | 78.0 |
| 36.3 | 92.0 | 10137.0 | 275.0 | -44.5 | -64.5 | 268.2 | 22.1 | 22.1 | 0.7 | 330.7 | 330.9 | 99.9 | 99.9 | 43.5 | 79.0 |
| 38.5 | 96.2 | 10738.1 | 250.0 | -49.3 | -64.5 | 271.5 | 22.2 | 22.2 | -0.6 | 332.6 | 332.6 | 99.9 | 99.9 | 46.1 | 76.0 |
| 40.8 | 103.3 | 11421.1 | 225.0 | -54.7 | -64.5 | 270.2 | 24.1 | 24.1 | 1.2 | 334.7 | 334.7 | 99.9 | 99.9 | 49.7 | 60.0 |
| 43.6 | 109.3 | 12169.4 | 200.0 | -58.3 | -64.5 | 270.0 | 26.0 | 26.0 | -0.0 | 340.5 | 340.5 | 99.9 | 99.9 | 53.8 | 61.0 |
| 46.3 | 115.5 | 12999.9 | 175.0 | -63.1 | -64.5 | 260.9 | 26.5 | 26.1 | 4.2 | 345.7 | 345.7 | 99.9 | 99.9 | 57.5 | 61.0 |
| 49.6 | 122.7 | 13920.2 | 150.0 | -62.1 | -64.5 | 262.7 | 33.2 | 34.9 | 4.5 | 363.2 | 363.2 | 99.9 | 99.9 | 63.7 | 61.0 |
| 53.6 | 130.3 | 15076.8 | 125.0 | -61.6 | -64.5 | 262.5 | 33.2 | 32.9 | 4.3 | 363.5 | 363.5 | 99.9 | 99.9 | 71.6 | 62.0 |
| 58.0 | 138.3 | 16456.0 | 100.0 | -61.5 | -64.5 | 273.8 | 20.7 | 20.7 | -1.6 | 408.9 | 408.9 | 99.9 | 99.9 | 80.2 | 62.0 |
| 63.2 | 146.7 | 18205.0 | 75.0 | -60.9 | -64.5 | 248.7 | 13.4 | 12.4 | 4.9 | 432.6 | 432.6 | 99.9 | 99.9 | 83.0 | 62.0 |
| 70.9 | 155.7 | 20722.0 | 50.0 | -58.1 | -64.5 | 325.2 | 4.7 | 2.7 | -3.9 | 506.7 | 506.7 | 99.9 | 99.9 | 87.5 | 62.0 |
| 81.7 | 164.5 | 25163.1 | 25.0 | -52.0 | -64.5 | 72.7 | 0.7 | -0.5 | -1.6 | 633.6 | 633.6 | 99.9 | 99.9 | 89.9 | 63.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 349
MONTHLY . MO24 APRIL 1975
1800 GMT

| TIME MIN | C-TC1 | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | ME RTO CM/SEC | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|-------------|----------|
| 00 | 00 | 639.0 | 760.2 | 20.5 | 13.9 | 140.0 | 5.7 | -3.7 | 4.4 | 258.5 | 326.5 | 10.5 | 68.0 | 0.6 | 0. |
| 05 | 05 | 59.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 09 | 09 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 03 | 03 | 530.3 | 950.0 | 19.4 | 13.6 | 149.1 | 10.6 | -3.4 | 9.1 | 298.3 | 325.9 | 10.4 | 68.9 | 0.3 | 312. |
| 10 | 10 | 759.3 | 925.0 | 17.1 | 12.4 | 161.3 | 13.1 | -4.2 | 12.4 | 258.1 | 324.4 | 9.9 | 73.4 | 0.9 | 333. |
| 18 | 18 | 903.5 | 900.0 | 17.1 | 13.8 | 161.8 | 14.0 | 0.4 | 14.0 | 300.6 | 330.4 | 11.1 | 81.0 | 1.4 | 319. |
| 27 | 27 | 1236.3 | 875.0 | 16.3 | 13.2 | 209.2 | 14.2 | 6.9 | 12.4 | 302.1 | 331.4 | 11.0 | 82.1 | 2.1 | 351. |
| 37 | 37 | 1481.2 | 850.0 | 15.3 | 10.8 | 223.7 | 14.7 | 10.1 | 10.6 | 303.5 | 329.9 | 9.7 | 74.4 | 2.7 | 4. |
| 47 | 47 | 1738.0 | 825.0 | 13.5 | 9.1 | 222.2 | 15.3 | 10.3 | 11.4 | 304.0 | 328.4 | 8.9 | 74.7 | 3.5 | 14. |
| 56 | 56 | 1952.8 | 800.0 | 11.8 | 7.4 | 224.1 | 17.0 | 11.8 | 12.2 | 304.8 | 327.4 | 8.1 | 70.2 | 4.3 | 19. |
| 66 | 66 | 2258.6 | 775.0 | 11.7 | 9.5 | 244.7 | 16.9 | 15.3 | 7.2 | 307.1 | 321.9 | 5.1 | 46.2 | 5.1 | 25. |
| 75 | 75 | 2533.4 | 750.0 | 12.2 | -11.5 | 249.7 | 19.0 | 17.4 | 6.6 | 310.1 | 316.6 | 2.1 | 17.8 | 5.9 | 33. |
| 86 | 86 | 2816.0 | 725.0 | 10.1 | -12.9 | 249.3 | 19.1 | 17.9 | 6.8 | 310.9 | 316.8 | 1.9 | 18.3 | 6.9 | 34. |
| 97 | 97 | 3136.1 | 700.0 | 7.8 | -14.0 | 246.4 | 21.2 | 19.4 | 6.5 | 311.3 | 317.1 | 1.8 | 19.6 | 8.1 | 43. |
| 109 | 109 | 3404.4 | 675.0 | 5.1 | -14.0 | 248.1 | 20.6 | 19.1 | 7.7 | 311.5 | 317.2 | 1.8 | 22.5 | 9.4 | 47. |
| 120 | 120 | 3710.7 | 650.0 | 2.1 | -15.4 | 251.7 | 20.6 | 19.5 | 6.5 | 311.5 | 317.1 | 1.8 | 26.0 | 10.7 | 50. |
| 131 | 131 | 4025.5 | 625.0 | -0.9 | -17.9 | 251.2 | 20.6 | 19.0 | 6.5 | 311.6 | 316.3 | 1.5 | 28.1 | 12.1 | 52. |
| 143 | 143 | 4345.8 | 600.0 | -3.2 | -20.0 | 254.5 | 19.8 | 19.1 | 5.1 | 312.5 | 316.7 | 1.3 | 25.8 | 13.3 | 54. |
| 155 | 155 | 4694.7 | 575.0 | -6.4 | -22.1 | 265.4 | 20.7 | 20.6 | 1.7 | 312.6 | 316.2 | 1.1 | 27.4 | 14.7 | 57. |
| 167 | 167 | 5030.4 | 550.0 | -9.1 | -25.1 | 268.3 | 23.2 | 23.2 | 0.7 | 313.4 | 316.3 | 0.9 | 25.9 | 16.0 | 60. |
| 179 | 179 | 5390.2 | 525.0 | -9.9 | -30.6 | 261.6 | 28.1 | 27.8 | 0.7 | 316.6 | 318.5 | 0.6 | 16.4 | 17.8 | 62. |
| 193 | 193 | 5765.0 | 500.0 | -12.0 | -33.1 | 250.6 | 29.1 | 27.5 | 1.7 | 318.5 | 320.1 | 0.5 | 15.7 | 20.1 | 64. |
| 207 | 207 | 6155.1 | 475.0 | -15.4 | -36.3 | 249.4 | 31.9 | 29.6 | 11.7 | 318.9 | 320.2 | 0.4 | 14.7 | 22.5 | 64. |
| 221 | 221 | 6561.7 | 450.0 | -18.0 | -37.0 | 249.2 | 32.5 | 30.4 | 11.5 | 320.0 | 321.9 | 0.4 | 12.0 | 25.3 | 65. |
| 237 | 237 | 6986.0 | 425.0 | -21.5 | -37.2 | 254.9 | 33.4 | 32.2 | 8.7 | 321.5 | 322.8 | 0.4 | 22.5 | 28.4 | 66. |
| 252 | 252 | 7429.2 | 400.0 | -25.6 | -41.3 | 254.6 | 33.6 | 33.7 | 7.8 | 321.7 | 322.6 | 0.3 | 21.3 | 31.5 | 67. |
| 270 | 270 | 7894.3 | 375.0 | -29.2 | -44.6 | 258.4 | 31.6 | 31.1 | 6.4 | 322.9 | 324.8 | 0.5 | 59.2 | 34.4 | 68. |
| 284 | 284 | 8392.1 | 350.0 | -32.9 | -49.8 | 259.4 | 35.1 | 35.5 | 6.6 | 324.4 | 325.6 | 0.3 | 49.7 | 38.3 | 69. |
| 304 | 304 | 9001.1 | 325.0 | -36.8 | -45.3 | 257.0 | 35.1 | 34.2 | 7.9 | 325.9 | 326.6 | 0.2 | 48.4 | 42.5 | 70. |
| 324 | 324 | 9450.4 | 300.0 | -41.2 | -49.9 | 256.7 | 37.8 | 36.8 | 6.7 | 327.3 | 329.9 | 99.9 | 99.9 | 46.3 | 71. |
| 346 | 346 | 10035.0 | 275.0 | -46.3 | -49.9 | 262.2 | 31.2 | 30.9 | 4.3 | 328.2 | 329.9 | 99.9 | 99.9 | 51.1 | 71. |
| 366 | 366 | 10602.8 | 250.0 | -50.3 | -49.3 | 259.7 | 39.8 | 39.1 | 7.1 | 331.3 | 331.9 | 99.9 | 99.9 | 55.7 | 72. |
| 387 | 387 | 11341.1 | 225.0 | -55.7 | -49.9 | 264.3 | 33.3 | 33.2 | 3.3 | 333.2 | 333.8 | 99.9 | 99.9 | 61.3 | 73. |
| 421 | 421 | 12082.9 | 200.0 | -60.5 | -49.9 | 260.6 | 32.1 | 31.7 | 5.3 | 337.0 | 337.0 | 99.9 | 99.9 | 66.1 | 74. |
| 447 | 447 | 12939.1 | 175.0 | -62.6 | -49.9 | 260.3 | 31.5 | 31.0 | 5.4 | 336.3 | 336.9 | 99.9 | 99.9 | 71.5 | 74. |
| 479 | 479 | 13486.6 | 150.0 | -60.0 | -49.9 | 254.1 | 30.2 | 29.0 | 8.3 | 336.0 | 336.0 | 99.9 | 99.9 | 77.3 | 74. |
| 516 | 516 | 15010.2 | 125.0 | -59.1 | -49.9 | 258.8 | 29.8 | 29.3 | 5.8 | 338.0 | 338.0 | 99.9 | 99.9 | 84.5 | 75. |
| 561 | 561 | 16399.4 | 100.0 | -60.3 | -49.9 | 263.7 | 25.0 | 24.9 | 2.7 | 411.3 | 409.9 | 99.9 | 99.9 | 91.2 | 75. |
| 620 | 620 | 1449.3 | 75.0 | -66.1 | -49.9 | 262.7 | 12.1 | 12.0 | 1.5 | 436.4 | 436.4 | 99.9 | 99.9 | 96.5 | 75. |
| 684 | 684 | 20702.1 | 50.0 | -57.7 | -49.9 | 319.7 | 7.4 | 5.6 | -8.8 | 507.6 | 499.9 | 99.9 | 99.9 | 99.7 | 76. |
| 816 | 816 | 161.7 | 25170.1 | -50.5 | -49.9 | 321.4 | 4.6 | 2.9 | -3.6 | 639.7 | 649.9 | 99.9 | 99.9 | 101.5 | 77. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 363
AMARILLO, TEX

24 APRIL 1975
1715 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTD CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 13.2 | 1095.0 | 887.0 | 22.5 | -3.7 | 340.0 | 5.1 | 1.7 | -4.8 | 306.4 | 316.1 | 3.3 | 17.0 | 0.0 | 0. |
| 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 14.2 | 1212.8 | 875.0 | 20.4 | -3.3 | 10.5 | 4.6 | -0.8 | -4.5 | 305.5 | 315.5 | 3.4 | 20.0 | 0.2 | 15.5 |
| 1.0 | 16.1 | 1461.4 | 850.0 | 17.6 | -5.5 | 355.0 | 4.6 | 0.4 | -4.6 | 305.0 | 313.8 | 3.0 | 25.2 | 0.3 | 17.6 |
| 1.8 | 18.3 | 1715.9 | 825.0 | 16.7 | -7.2 | 339.9 | 4.7 | 1.6 | -4.4 | 306.6 | 314.7 | 2.7 | 18.7 | 0.5 | 16.6 |
| 2.5 | 20.4 | 1976.5 | 800.0 | 14.3 | -9.1 | 336.2 | 3.3 | 1.3 | -3.1 | 306.7 | 313.9 | 2.4 | 18.9 | 0.7 | 16.5 |
| 3.3 | 22.5 | 2243.1 | 775.0 | 12.2 | -10.7 | 310.7 | 4.7 | 3.6 | -3.1 | 307.2 | 313.8 | 2.2 | 19.0 | 0.9 | 16.1 |
| 4.1 | 24.7 | 2516.6 | 750.0 | 10.3 | -12.2 | 283.4 | 5.8 | 5.6 | -1.3 | 308.0 | 314.1 | 2.0 | 19.1 | 1.1 | 15.1 |
| 4.9 | 26.8 | 2747.0 | 725.0 | 7.8 | -14.1 | 256.4 | 7.9 | 7.6 | 1.9 | 308.3 | 313.7 | 1.8 | 19.3 | 1.3 | 13.8 |
| 5.8 | 29.2 | 3065.0 | 700.0 | 5.7 | -13.6 | 231.2 | 9.2 | 8.7 | 3.0 | 309.0 | 314.9 | 1.9 | 23.3 | 1.5 | 12.3 |
| 6.6 | 31.7 | 3380.8 | 675.0 | 2.9 | -15.2 | 254.2 | 9.4 | 9.1 | 2.6 | 309.1 | 314.5 | 1.7 | 24.9 | 1.8 | 11.0 |
| 7.7 | 34.2 | 3694.8 | 650.0 | 0.4 | -15.1 | 260.0 | 10.2 | 10.0 | 1.8 | 309.6 | 315.2 | 1.6 | 30.1 | 2.4 | 10.2 |
| 8.6 | 36.5 | 3998.0 | 625.0 | -2.0 | -17.5 | 259.7 | 11.5 | 11.3 | 2.1 | 310.4 | 315.2 | 1.6 | 29.3 | 3.0 | 9.8 |
| 9.7 | 39.1 | 4321.6 | 600.0 | -3.4 | -24.6 | 258.5 | 14.0 | 13.8 | 2.8 | 312.2 | 315.1 | 0.9 | 17.5 | 3.7 | 9.4 |
| 10.8 | 41.6 | 4657.2 | 575.0 | -5.1 | -25.3 | 252.1 | 17.5 | 16.6 | 5.4 | 314.0 | 316.2 | 0.6 | 14.2 | 4.7 | 9.0 |
| 11.9 | 44.3 | 5005.3 | 550.0 | -6.6 | -29.3 | 247.8 | 21.2 | 19.6 | 6.0 | 316.3 | 318.4 | 0.6 | 14.3 | 6.0 | 8.4 |
| 13.0 | 47.1 | 5367.0 | 525.0 | -8.6 | -30.9 | 246.5 | 23.6 | 21.6 | 9.4 | 318.1 | 320.0 | 0.5 | 14.5 | 7.4 | 8.2 |
| 14.1 | 50.1 | 5743.0 | 500.0 | -11.7 | -33.2 | 242.8 | 27.1 | 24.1 | 12.4 | 318.7 | 320.3 | 0.5 | 14.7 | 9.0 | 7.9 |
| 15.2 | 52.9 | 6133.7 | 475.0 | -14.8 | -35.6 | 241.9 | 28.5 | 25.1 | 13.4 | 319.7 | 321.0 | 0.4 | 15.0 | 10.7 | 7.4 |
| 16.4 | 55.8 | 6540.7 | 450.0 | -17.9 | -28.7 | 244.2 | 29.9 | 26.9 | 13.0 | 320.8 | 323.5 | 0.8 | 38.4 | 12.7 | 7.4 |
| 17.6 | 58.3 | 6955.7 | 425.0 | -21.0 | -29.7 | 247.5 | 30.8 | 28.5 | 11.8 | 322.1 | 324.7 | 0.8 | 45.1 | 15.0 | 7.3 |
| 19.0 | 62.3 | 7410.3 | 400.0 | -24.9 | -34.1 | 248.8 | 31.7 | 29.6 | 11.5 | 322.9 | 325.4 | 0.5 | 41.7 | 17.6 | 7.2 |
| 20.4 | 65.6 | 7877.5 | 375.0 | -28.5 | -37.1 | 249.6 | 34.2 | 32.1 | 11.9 | 323.9 | 325.4 | 0.4 | 43.0 | 20.4 | 7.2 |
| 22.0 | 69.1 | 8366.6 | 350.0 | -32.7 | -40.6 | 249.4 | 35.2 | 32.9 | 12.4 | 324.6 | 325.7 | 0.3 | 44.7 | 23.6 | 7.1 |
| 23.6 | 72.6 | 8883.9 | 325.0 | -37.1 | -43.9 | 246.1 | 35.9 | 32.8 | 14.5 | 325.5 | 326.3 | 0.2 | 46.5 | 27.2 | 7.0 |
| 25.4 | 76.6 | 9432.5 | 300.0 | -41.2 | -49.9 | 246.0 | 35.9 | 32.8 | 14.6 | 327.3 | 329.9 | 99.9 | 99.9 | 30.7 | 7.0 |
| 27.3 | 80.6 | 10018.0 | 275.0 | -45.7 | -54.7 | 247.9 | 37.3 | 34.5 | 14.0 | 329.1 | 331.4 | 99.9 | 99.9 | 35.1 | 7.0 |
| 29.2 | 85.0 | 10646.1 | 250.0 | -50.2 | -59.9 | 247.4 | 38.0 | 35.1 | 14.6 | 331.4 | 334.1 | 99.9 | 99.9 | 39.3 | 7.0 |
| 31.2 | 89.6 | 11327.0 | 225.0 | -55.1 | -64.9 | 249.8 | 44.8 | 42.0 | 15.5 | 334.1 | 339.1 | 99.9 | 99.9 | 44.4 | 7.0 |
| 33.7 | 94.6 | 12071.2 | 200.0 | -55.2 | -69.9 | 253.0 | 41.9 | 40.1 | 12.3 | 339.1 | 348.5 | 99.9 | 99.9 | 50.1 | 7.0 |
| 36.5 | 100.0 | 12901.6 | 175.0 | -61.5 | -74.9 | 249.5 | 43.8 | 41.0 | 15.4 | 348.5 | 359.9 | 99.9 | 99.9 | 55.7 | 7.0 |
| 39.7 | 106.0 | 13863.8 | 150.0 | -58.8 | -79.9 | 256.0 | 21.3 | 21.3 | 1.5 | 368.8 | 387.4 | 99.9 | 99.9 | 64.5 | 7.0 |
| 43.5 | 112.7 | 15039.2 | 125.0 | -59.4 | -84.9 | 255.0 | 38.8 | 37.5 | 9.8 | 387.4 | 412.0 | 99.9 | 99.9 | 70.9 | 7.1 |
| 48.1 | 120.7 | 16406.3 | 100.0 | -59.9 | -89.9 | 253.4 | 23.9 | 22.9 | 6.8 | 412.0 | 446.4 | 99.9 | 99.9 | 78.7 | 7.2 |
| 53.4 | 130.0 | 18202.3 | 75.0 | -60.4 | -94.9 | 254.7 | 35.3 | 34.0 | 9.3 | 446.4 | 499.9 | 99.9 | 99.9 | 85.4 | 7.2 |
| 60.4 | 141.0 | 20729.0 | 50.0 | -54.3 | -99.9 | 72.3 | 14.8 | -14.1 | -4.5 | 915.6 | 999.9 | 99.9 | 99.9 | 90.9 | 7.2 |
| 71.2 | 154.0 | 25197.6 | 25.0 | -51.9 | -99.9 | 238.4 | 8.5 | 7.2 | 4.4 | 835.4 | 999.9 | 99.9 | 99.9 | 92.6 | 7.3 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 402
WALLOPS ISLAND, VA

24 APRIL 1975
1715 GMT

| TIME MIN | CNTCT | WEIGHT GP | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E PUT T DG K | MX RTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|--------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.9 | 4.0 | 1015.6 | 13.3 | 10.5 | 99.9 | 99.9 | 99.9 | 99.9 | 286.2 | 306.4 | 7.9 | 83.0 | 999.9 | 999.9 |
| 0.4 | 5.5 | 136.3 | 1000.0 | 18.6 | 12.6 | 99.9 | 99.9 | 99.9 | 99.9 | 293.0 | 317.3 | 9.3 | 68.1 | 999.9 | 999.9 |
| 1.2 | 7.6 | 354.4 | 975.0 | 19.3 | 12.8 | 99.9 | 99.9 | 99.9 | 99.9 | 295.9 | 321.3 | 9.6 | 66.0 | 999.9 | 999.9 |
| 1.8 | 9.9 | 577.4 | 950.0 | 17.3 | 11.6 | 99.9 | 99.9 | 99.9 | 99.9 | 296.0 | 320.1 | 9.1 | 69.3 | 999.9 | 999.9 |
| 2.7 | 11.3 | 804.7 | 925.0 | 16.4 | 9.6 | 99.9 | 99.9 | 99.9 | 99.9 | 297.1 | 319.1 | 8.2 | 64.6 | 999.9 | 999.9 |
| 3.5 | 14.1 | 1035.1 | 900.0 | 17.5 | 8.2 | 99.9 | 99.9 | 99.9 | 99.9 | 300.6 | 321.4 | 7.6 | 54.3 | 999.9 | 999.9 |
| 4.1 | 16.1 | 1275.2 | 875.0 | 15.4 | 7.0 | 99.9 | 99.9 | 99.9 | 99.9 | 300.6 | 320.6 | 7.2 | 50.2 | 999.9 | 999.9 |
| 4.9 | 18.5 | 1524.7 | 850.0 | 13.6 | 6.4 | 99.9 | 99.9 | 99.9 | 99.9 | 301.7 | 321.3 | 7.1 | 60.5 | 999.9 | 999.9 |
| 5.5 | 20.7 | 1776.0 | 825.0 | 11.7 | 5.5 | 99.9 | 99.9 | 99.9 | 99.9 | 301.9 | 321.6 | 6.9 | 65.5 | 999.9 | 999.9 |
| 6.2 | 23.1 | 2032.9 | 800.0 | 9.9 | 4.9 | 99.9 | 99.9 | 99.9 | 99.9 | 302.6 | 321.6 | 6.8 | 71.2 | 999.9 | 999.9 |
| 7.1 | 25.4 | 2276.3 | 775.0 | 7.5 | 4.7 | 99.9 | 99.9 | 99.9 | 99.9 | 302.8 | 322.7 | 6.9 | 82.2 | 999.9 | 999.9 |
| 7.8 | 27.8 | 2565.8 | 750.0 | 5.4 | 4.2 | 99.9 | 99.9 | 99.9 | 99.9 | 303.3 | 322.7 | 6.9 | 91.7 | 999.9 | 999.9 |
| 8.7 | 30.4 | 2842.5 | 725.0 | 3.4 | 2.2 | 99.9 | 99.9 | 99.9 | 99.9 | 304.0 | 321.5 | 6.2 | 91.7 | 999.9 | 999.9 |
| 9.5 | 33.1 | 3126.8 | 700.0 | 1.7 | 0.7 | 99.9 | 99.9 | 99.9 | 99.9 | 305.1 | 321.4 | 5.8 | 93.1 | 999.9 | 999.9 |
| 10.5 | 35.6 | 3415.8 | 675.0 | 0.0 | -1.8 | 99.9 | 99.9 | 99.9 | 99.9 | 306.3 | 323.7 | 5.0 | 87.7 | 999.9 | 999.9 |
| 11.3 | 38.3 | 3721.9 | 650.0 | -1.4 | -4.1 | 99.9 | 99.9 | 99.9 | 99.9 | 307.9 | 320.6 | 4.4 | 81.9 | 999.9 | 999.9 |
| 12.2 | 41.0 | 4033.4 | 625.0 | -3.7 | -5.7 | 99.9 | 99.9 | 99.9 | 99.9 | 308.7 | 320.5 | 4.0 | 86.3 | 999.9 | 999.9 |
| 13.2 | 43.7 | 4354.6 | 600.0 | -5.9 | -7.1 | 99.9 | 99.9 | 99.9 | 99.9 | 309.8 | 320.9 | 3.7 | 90.8 | 999.9 | 999.9 |
| 14.3 | 46.9 | 4687.0 | 575.0 | -8.8 | -18.1 | 99.9 | 99.9 | 99.9 | 99.9 | 309.8 | 315.0 | 1.7 | 48.3 | 999.9 | 999.9 |
| 15.3 | 50.0 | 5029.8 | 550.0 | -11.0 | -22.3 | 99.9 | 99.9 | 99.9 | 99.9 | 311.1 | 314.8 | 1.2 | 38.0 | 999.9 | 999.9 |
| 16.4 | 52.9 | 5386.2 | 525.0 | -12.7 | -21.6 | 99.9 | 99.9 | 99.9 | 99.9 | 313.3 | 317.5 | 1.3 | 47.1 | 999.9 | 999.9 |
| 17.4 | 55.9 | 5758.8 | 500.0 | -13.2 | -21.4 | 99.9 | 99.9 | 99.9 | 99.9 | 317.0 | 321.5 | 1.4 | 50.2 | 999.9 | 999.9 |
| 18.6 | 58.3 | 6144.8 | 475.0 | -14.5 | -26.8 | 99.9 | 99.9 | 99.9 | 99.9 | 320.1 | 323.1 | 0.9 | 34.1 | 999.9 | 999.9 |
| 19.7 | 62.7 | 6550.1 | 450.0 | -17.5 | -31.1 | 99.9 | 99.9 | 99.9 | 99.9 | 321.3 | 323.4 | 0.6 | 29.1 | 999.9 | 999.9 |
| 21.1 | 66.1 | 6942.1 | 425.0 | -20.2 | -34.6 | 99.9 | 99.9 | 99.9 | 99.9 | 323.1 | 324.8 | 0.5 | 26.1 | 999.9 | 999.9 |
| 22.5 | 70.0 | 7427.8 | 400.0 | -24.3 | -35.9 | 99.9 | 99.9 | 99.9 | 99.9 | 323.4 | 325.0 | 0.4 | 33.1 | 999.9 | 999.9 |
| 24.0 | 73.7 | 7895.1 | 375.0 | -28.1 | -39.0 | 99.9 | 99.9 | 99.9 | 99.9 | 324.4 | 325.6 | 0.3 | 34.0 | 999.9 | 999.9 |
| 25.4 | 77.8 | 8385.8 | 350.0 | -32.3 | -44.5 | 99.9 | 99.9 | 99.9 | 99.9 | 325.1 | 325.8 | 0.2 | 28.5 | 999.9 | 999.9 |
| 27.1 | 81.8 | 8904.5 | 325.0 | -36.5 | -49.7 | 99.9 | 99.9 | 99.9 | 99.9 | 326.3 | 326.7 | 0.1 | 24.0 | 999.9 | 999.9 |
| 28.3 | 86.2 | 9454.0 | 300.0 | -41.1 | -59.4 | 99.9 | 99.9 | 99.9 | 99.9 | 327.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 30.9 | 91.0 | 10038.2 | 275.0 | -46.2 | -66.2 | 99.9 | 99.9 | 99.9 | 99.9 | 328.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 32.5 | 95.9 | 10664.5 | 250.0 | -51.4 | -79.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34.7 | 101.0 | 11339.4 | 225.0 | -57.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 36.6 | 106.8 | 12073.2 | 200.0 | -62.4 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 333.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 38.0 | 112.8 | 12890.3 | 175.0 | -64.8 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 343.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 41.7 | 119.3 | 13829.0 | 150.0 | -64.2 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 359.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 45.4 | 126.7 | 14956.4 | 125.0 | -58.1 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 389.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 48.7 | 134.7 | 16364.5 | 100.0 | -60.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 410.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 55.0 | 142.3 | 18134.7 | 75.0 | -63.3 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 440.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 61.8 | 150.3 | 20654.8 | 50.0 | -57.6 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 507.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 72.6 | 158.7 | 25100.1 | 25.0 | -51.3 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 637.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
• BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
• BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405
STERLING, VA

24 APRIL 1975
1736 GMT

165 14. 0

| TIME MIN | CACT | WEIGHT GFM | PRES MB | TEMP DG C | CEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.9 | 85.0 | 1001.7 | 23.9 | 14.6 | 210.0 | 8.2 | 4.1 | 7.1 | 298.3 | 326.3 | 10.5 | 50.0 | 0.0 | 0. |
| 0.1 | 6.1 | 99.8 | 1000.0 | 23.6 | 99.9 | 53.2 | 11.0 | -8.8 | -6.6 | 296.7 | 999.9 | 99.9 | 999.9 | 1.0 | 24. |
| 0.7 | 6.5 | 319.3 | 975.0 | 21.9 | 99.9 | 56.6 | 6.5 | -5.4 | -3.6 | 297.2 | 999.9 | 99.9 | 999.9 | 0.4 | 14. |
| 1.3 | 10.8 | 543.2 | 950.0 | 19.6 | 99.9 | 208.9 | 5.9 | 2.9 | 5.2 | 298.1 | 999.9 | 99.9 | 999.9 | 0.8 | 14. |
| 2.1 | 13.2 | 772.2 | 925.0 | 17.5 | 11.5 | 213.5 | 10.9 | 6.0 | 9.1 | 298.5 | 323.4 | 9.3 | 68.0 | 1.3 | 21. |
| 3.0 | 15.6 | 1005.8 | 900.0 | 15.1 | 11.2 | 221.5 | 11.6 | 7.7 | 8.7 | 298.3 | 323.4 | 9.4 | 77.5 | 1.9 | 27. |
| 3.8 | 18.0 | 1243.9 | 875.0 | 13.0 | 10.6 | 229.8 | 13.9 | 10.6 | 9.0 | 298.5 | 323.3 | 9.3 | 85.8 | 2.5 | 31. |
| 4.7 | 20.5 | 1477.7 | 850.0 | 11.5 | 9.5 | 246.2 | 17.6 | 15.1 | 7.1 | 299.4 | 323.7 | 9.0 | 88.8 | 3.2 | 34. |
| 5.7 | 23.0 | 1737.6 | 825.0 | 11.3 | 9.6 | 260.1 | 19.0 | 16.7 | 3.3 | 301.6 | 324.9 | 8.5 | 83.5 | 4.2 | 47. |
| 6.9 | 25.6 | 1995.2 | 800.0 | 11.0 | 6.3 | 264.1 | 18.6 | 18.5 | 1.9 | 303.9 | 324.8 | 7.5 | 73.0 | 5.3 | 56. |
| 8.0 | 28.1 | 2254.9 | 775.0 | 9.5 | 4.9 | 260.8 | 16.8 | 16.6 | 2.7 | 304.9 | 324.6 | 7.0 | 73.0 | 6.4 | 71. |
| 9.0 | 30.9 | 2531.3 | 750.0 | 7.3 | 3.4 | 257.3 | 16.7 | 16.3 | 3.7 | 305.4 | 324.0 | 6.6 | 76.9 | 7.3 | 61. |
| 9.8 | 31.7 | 2610.0 | 725.0 | 5.5 | 2.5 | 256.8 | 17.1 | 16.7 | 3.9 | 306.3 | 324.2 | 6.3 | 81.1 | 8.1 | 44. |
| 10.7 | 34.4 | 3056.3 | 700.0 | 3.2 | 1.5 | 258.1 | 18.6 | 16.2 | 3.8 | 306.8 | 324.2 | 6.1 | 88.6 | 9.7 | 44. |
| 11.5 | 36.1 | 3390.3 | 675.0 | 1.1 | -0.3 | 257.7 | 20.2 | 15.8 | 4.3 | 307.6 | 323.8 | 5.7 | 92.4 | 10.0 | 47. |
| 12.4 | 41.9 | 3653.4 | 650.0 | -0.8 | -1.7 | 254.4 | 21.2 | 20.4 | 5.7 | 308.7 | 323.8 | 5.2 | 94.0 | 11.3 | 44. |
| 13.4 | 44.9 | 4004.4 | 625.0 | -2.2 | -5.9 | 248.3 | 23.6 | 21.9 | 8.7 | 310.4 | 322.1 | 4.0 | 76.0 | 12.3 | 64. |
| 14.4 | 47.9 | 4329.5 | 600.0 | -4.7 | -9.3 | 248.3 | 26.4 | 24.6 | 9.8 | 311.1 | 320.6 | 3.2 | 70.2 | 14.0 | 64. |
| 15.7 | 50.8 | 4663.4 | 575.0 | -7.0 | -11.6 | 249.7 | 27.9 | 26.1 | 9.7 | 312.1 | 320.3 | 2.7 | 68.4 | 15.0 | 64. |
| 17.0 | 58.0 | 5008.6 | 550.0 | -9.2 | -13.2 | 250.2 | 26.8 | 23.3 | 9.1 | 313.4 | 321.2 | 2.5 | 73.1 | 18.1 | 44. |
| 18.2 | 57.1 | 5367.7 | 525.0 | -11.0 | -15.4 | 252.5 | 24.7 | 23.5 | 7.4 | 315.4 | 322.3 | 2.2 | 70.2 | 20.2 | 64. |
| 19.3 | 60.5 | 5741.6 | 500.0 | -13.0 | -19.0 | 254.1 | 20.9 | 20.6 | 3.7 | 317.4 | 322.9 | 1.7 | 60.4 | 21.6 | 64. |
| 20.4 | 63.9 | 6131.0 | 475.0 | -15.2 | -22.9 | 265.8 | 19.2 | 15.1 | 1.4 | 319.2 | 323.4 | 1.3 | 52.0 | 22.9 | 70. |
| 21.6 | 67.1 | 6517.7 | 450.0 | -17.9 | -24.5 | 265.6 | 18.8 | 18.7 | 1.4 | 320.8 | 324.7 | 1.2 | 56.4 | 24.2 | 71. |
| 22.9 | 70.6 | 6813.1 | 425.0 | -20.9 | -26.7 | 264.6 | 20.4 | 20.3 | 1.9 | 322.2 | 325.6 | 1.0 | 56.4 | 25.7 | 72. |
| 24.4 | 74.3 | 7405.4 | 400.0 | -24.1 | -29.6 | 267.2 | 20.4 | 20.4 | 0.8 | 323.8 | 326.5 | 0.8 | 59.8 | 27.5 | 73. |
| 25.9 | 78.2 | 7876.3 | 375.0 | -27.4 | -33.9 | 267.2 | 19.7 | 17.7 | 1.0 | 325.3 | 327.3 | 0.6 | 53.9 | 29.3 | 73. |
| 27.6 | 82.3 | 8363.9 | 350.0 | -31.1 | -38.6 | 270.6 | 23.2 | 23.2 | -0.2 | 326.8 | 328.1 | 0.4 | 47.1 | 31.3 | 73. |
| 29.2 | 86.0 | 8895.5 | 325.0 | -35.5 | -43.1 | 269.8 | 24.7 | 24.7 | 0.1 | 327.7 | 328.6 | 0.3 | 45.3 | 33.5 | 71. |
| 30.9 | 90.5 | 9441.4 | 300.0 | -40.3 | -49.9 | 276.4 | 25.2 | 25.0 | -2.8 | 328.6 | 999.9 | 99.9 | 999.9 | 35.1 | 77. |
| 32.7 | 95.1 | 10024.0 | 275.0 | -45.9 | -56.9 | 278.7 | 23.6 | 23.3 | -3.6 | 329.7 | 999.9 | 99.9 | 999.9 | 36.1 | 78. |
| 34.5 | 99.8 | 10654.4 | 250.0 | -51.6 | -64.0 | 282.4 | 26.4 | 25.8 | -5.7 | 329.3 | 999.9 | 99.9 | 999.9 | 40.4 | 74. |
| 36.6 | 104.8 | 11328.2 | 225.0 | -58.0 | -71.1 | 283.6 | 30.5 | 24.6 | -7.1 | 329.6 | 999.9 | 99.9 | 999.9 | 44.1 | 92. |
| 38.9 | 110.4 | 12059.2 | 200.0 | -64.8 | -78.1 | 287.1 | 40.1 | 38.3 | -11.8 | 330.1 | 999.9 | 99.9 | 999.9 | 48.9 | 64. |
| 41.5 | 116.0 | 12878.3 | 175.0 | -64.0 | -84.0 | 283.2 | 20.5 | 19.9 | -4.7 | 344.3 | 999.9 | 99.9 | 999.9 | 52.1 | 84. |
| 44.9 | 122.9 | 13817.7 | 150.0 | -62.7 | -99.9 | 282.6 | 25.8 | 25.1 | -5.6 | 362.0 | 999.9 | 99.9 | 999.9 | 57.6 | 97. |
| 48.7 | 130.3 | 14657.1 | 125.0 | -59.2 | -99.9 | 269.4 | 27.7 | 27.7 | 0.3 | 387.8 | 999.9 | 99.9 | 999.9 | 63.4 | 94. |
| 53.8 | 137.7 | 16362.4 | 100.0 | -57.4 | -99.9 | 286.7 | 15.1 | 14.5 | -4.3 | 410.8 | 999.9 | 99.9 | 999.9 | 70.3 | 47. |
| 59.4 | 145.7 | 18139.2 | 75.0 | -65.2 | -99.9 | 315.1 | 13.4 | 9.4 | -9.5 | 436.3 | 999.9 | 99.9 | 999.9 | 74.5 | 47. |
| 67.8 | 154.7 | 20666.8 | 50.0 | -57.2 | -99.9 | 346.2 | 5.2 | 1.2 | -5.0 | 504.9 | 999.9 | 99.9 | 999.9 | 75.6 | 44. |
| 74.8 | 164.5 | 25101.3 | 25.0 | -51.9 | -99.9 | 224.5 | 2.2 | -0.8 | -2.0 | 635.6 | 999.9 | 99.9 | 999.9 | 76.1 | 33. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF FOUR QUALITY

STATION NO. 425
HUNTINGTON, WVA

24 APRIL 1975
1730 GMT

139 76.0

| TIME MIN | CATCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX P/T GM AG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.1 | 246.0 | 981.4 | 18.3 | 16.1 | 270.0 | 10.3 | 10.3 | 0.0 | 294.6 | 325.4 | 11.8 | 87.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.2 | 8.7 | 302.3 | 975.0 | 17.9 | 16.1 | 295.2 | 11.7 | 10.6 | -5.0 | 294.8 | 325.8 | 11.9 | 88.9 | 0.2 | 31. |
| 0.9 | 10.9 | 524.8 | 950.0 | 17.1 | 13.2 | 301.5 | 12.3 | 10.5 | -6.4 | 296.1 | 326.4 | 11.6 | 88.5 | 0.5 | 12. |
| 1.6 | 13.4 | 753.0 | 925.0 | 16.4 | 13.7 | 270.9 | 12.3 | 12.3 | -0.2 | 297.5 | 326.0 | 10.7 | 93.9 | 1.0 | 121. |
| 2.3 | 15.7 | 986.4 | 900.0 | 14.8 | 13.7 | 249.2 | 16.2 | 15.1 | 5.8 | 298.2 | 327.6 | 11.0 | 93.1 | 1.6 | 103. |
| 3.0 | 18.2 | 1224.8 | 875.0 | 13.4 | 13.0 | 240.6 | 13.4 | 11.6 | 6.6 | 299.2 | 328.1 | 10.8 | 97.0 | 2.0 | 33. |
| 3.9 | 20.5 | 1469.1 | 850.0 | 12.0 | 11.5 | 240.2 | 18.1 | 15.7 | 9.0 | 300.1 | 327.2 | 10.1 | 96.3 | 2.6 | 82. |
| 4.7 | 23.1 | 1719.1 | 825.0 | 10.4 | 11.7 | 237.4 | 20.5 | 17.3 | 11.1 | 300.8 | 325.2 | 9.0 | 92.6 | 3.7 | 77. |
| 6.1 | 25.6 | 1975.5 | 800.0 | 9.2 | 5.8 | 243.0 | 23.3 | 20.8 | 10.6 | 301.9 | 321.9 | 7.3 | 79.2 | 5.5 | 71. |
| 7.7 | 28.2 | 2238.1 | 775.0 | 7.3 | 3.7 | 241.1 | 27.5 | 24.0 | 13.3 | 302.5 | 320.5 | 6.5 | 78.0 | 7.7 | 64. |
| 9.0 | 30.9 | 2507.4 | 750.0 | 4.7 | 1.4 | 245.0 | 29.0 | 26.3 | 12.2 | 303.4 | 319.2 | 5.7 | 79.2 | 10.3 | 67. |
| 10.5 | 33.7 | 2783.1 | 725.0 | 2.2 | -1.3 | 247.4 | 29.5 | 27.2 | 11.4 | 303.5 | 316.2 | 4.8 | 77.9 | 12.8 | 67. |
| 11.7 | 36.2 | 3065.8 | 700.0 | 0.5 | -2.2 | 245.6 | 26.9 | 24.5 | 11.1 | 303.7 | 317.0 | 4.7 | 81.6 | 14.7 | 67. |
| 12.9 | 39.1 | 3356.1 | 675.0 | -1.4 | -3.9 | 244.5 | 25.64 | 23.3 | 11.0 | 304.6 | 316.9 | 4.3 | 83.4 | 16.7 | 67. |
| 14.5 | 41.5 | 3658.9 | 650.0 | 0.1 | -1.5 | 247.3 | 24.1 | 22.0 | 10.9 | 309.7 | 325.1 | 5.3 | 89.4 | 19.1 | 67. |
| 16.0 | 44.5 | 3974.0 | 625.0 | -0.8 | -2.7 | 248.7 | 23.7 | 22.1 | 8.6 | 312.1 | 326.9 | 5.0 | 87.3 | 21.7 | 67. |
| 17.6 | 47.8 | 4298.6 | 600.0 | -3.4 | -6.4 | 248.2 | 29.9 | 27.7 | 11.1 | 312.7 | 324.5 | 4.0 | 79.9 | 24.2 | 67. |
| 19.0 | 50.7 | 4634.5 | 575.0 | -5.0 | -9.7 | 247.7 | 26.1 | 24.2 | 9.9 | 314.5 | 324.2 | 3.2 | 69.4 | 26.6 | 67. |
| 20.7 | 53.8 | 4983.0 | 550.0 | -6.7 | -12.2 | 246.7 | 28.3 | 26.0 | 11.2 | 316.4 | 324.8 | 2.7 | 64.9 | 29.3 | 67. |
| 22.4 | 56.9 | 5345.1 | 525.0 | -8.9 | -14.7 | 248.3 | 27.1 | 25.2 | 10.0 | 318.0 | 325.3 | 2.3 | 62.5 | 32.0 | 67. |
| 24.1 | 60.1 | 5722.0 | 500.0 | -10.9 | -16.9 | 248.5 | 32.5 | 30.2 | 11.9 | 319.9 | 326.4 | 2.0 | 61.4 | 35.1 | 67. |
| 26.0 | 63.6 | 6114.6 | 475.0 | -13.4 | -19.4 | 248.5 | 30.44 | 28.3 | 11.1 | 321.5 | 327.2 | 1.7 | 60.5 | 34.9 | 67. |
| 27.4 | 66.9 | 6524.6 | 450.0 | -15.6 | -21.6 | 246.1 | 32.3 | 29.5 | 13.1 | 323.7 | 329.7 | 1.5 | 59.9 | 41.5 | 67. |
| 28.9 | 70.4 | 6953.6 | 425.0 | -18.5 | -24.6 | 248.6 | 35.7 | 33.3 | 13.0 | 325.3 | 329.9 | 99.9 | 99.9 | 44.4 | 67. |
| 30.5 | 74.0 | 7402.9 | 400.0 | -21.6 | -27.9 | 256.3 | 31.2 | 30.3 | 7.4 | 327.0 | 329.9 | 99.9 | 99.9 | 47.7 | 67. |
| 32.6 | 78.0 | 7875.1 | 375.0 | -25.0 | -30.9 | 260.9 | 32.0 | 31.6 | 5.1 | 328.5 | 329.9 | 99.9 | 99.9 | 51.5 | 67. |
| 34.2 | 81.8 | 8373.1 | 350.0 | -28.7 | -34.9 | 260.8 | 30.6 | 30.2 | 4.9 | 330.1 | 329.9 | 99.9 | 99.9 | 54.6 | 67. |
| 36.1 | 85.9 | 8999.7 | 325.0 | -32.4 | -38.9 | 262.8 | 33.7 | 31.0 | 3.9 | 332.0 | 329.9 | 99.9 | 99.9 | 58.1 | 70. |
| 38.1 | 90.2 | 9456.1 | 300.0 | -37.5 | -43.9 | 258.8 | 33.2 | 32.5 | 6.4 | 332.6 | 329.9 | 99.9 | 99.9 | 61.7 | 71. |
| 40.0 | 95.3 | 10051.8 | 275.0 | -42.6 | -48.9 | 260.7 | 34.5 | 34.1 | 5.6 | 333.5 | 329.9 | 99.9 | 99.9 | 65.6 | 71. |
| 42.0 | 99.6 | 10697.5 | 250.0 | -48.3 | -54.9 | 264.8 | 33.7 | 33.6 | -0.2 | 334.3 | 329.9 | 99.9 | 99.9 | 69.7 | 72. |
| 44.1 | 104.9 | 11371.0 | 225.0 | -54.8 | -60.9 | 270.4 | 36.5 | 36.5 | -0.2 | 335.5 | 329.9 | 99.9 | 99.9 | 74.0 | 73. |
| 46.4 | 110.4 | 12112.3 | 200.0 | -61.4 | -67.9 | 269.8 | 27.2 | 27.2 | 0.1 | 335.5 | 329.9 | 99.9 | 99.9 | 78.2 | 74. |
| 48.9 | 116.3 | 12928.8 | 175.0 | -65.1 | -71.9 | 272.0 | 30.3 | 30.0 | -4.2 | 332.6 | 329.9 | 99.9 | 99.9 | 82.1 | 75. |
| 51.7 | 123.3 | 13880.6 | 150.0 | -60.3 | -66.9 | 280.8 | 26.3 | 25.8 | -4.9 | 316.2 | 329.9 | 99.9 | 99.9 | 86.7 | 76. |
| 55.0 | 130.3 | 15025.0 | 125.0 | -57.2 | -63.9 | 260.2 | 26.7 | 26.3 | 4.5 | 361.4 | 329.9 | 99.9 | 99.9 | 91.8 | 77. |
| 59.1 | 138.0 | 16429.2 | 100.0 | -59.1 | -65.9 | 278.3 | 15.3 | 15.1 | -2.2 | 413.7 | 329.9 | 99.9 | 99.9 | 98.1 | 77. |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN °C 10 DEG
* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 429
DAYTON, OHIO

24 APRIL 1975
1715 GMT

| TIME MIN | CNTCT | HEIGHT GEM | PRES MB | TEMP CG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT T DG K | E POT T DG K | MR RTO GM/KS | RH PCT | RANGE KM | AZ LG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.2 | 298.0 | 974.6 | 16.2 | 14.4 | 300.0 | 3.1 | 2.7 | -1.5 | 292.9 | 320.6 | 10.7 | 89.0 | 0.3 | 5. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.0 | 99.0 | 99.0 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.9 | 10.5 | 915.5 | 950.0 | 14.6 | 13.0 | 303.0 | 8.4 | 7.0 | -4.6 | 293.4 | 319.4 | 10.0 | 89.8 | 6.2 | 12.2 |
| 1.9 | 12.7 | 741.1 | 925.0 | 13.2 | 11.7 | 307.4 | 5.7 | 4.6 | -3.5 | 294.0 | 318.7 | 9.4 | 90.7 | 0.6 | 12.4 |
| 2.7 | 15.2 | 971.3 | 900.0 | 11.2 | 10.0 | 300.5 | 5.0 | 4.3 | -2.5 | 294.2 | 317.0 | 8.6 | 92.6 | 1.1 | 12.5 |
| 3.7 | 17.4 | 1266.9 | 875.0 | 10.3 | 9.2 | 281.4 | 5.1 | 5.0 | -1.0 | 295.5 | 317.9 | 8.4 | 93.0 | 1.2 | 12.6 |
| 4.6 | 19.3 | 1448.0 | 850.0 | 8.9 | 7.9 | 271.7 | 6.0 | 6.0 | -0.2 | 296.5 | 317.6 | 7.9 | 93.3 | 1.5 | 11.0 |
| 5.5 | 22.2 | 1855.2 | 825.0 | 7.4 | 6.3 | 247.0 | 5.0 | 4.6 | 4.0 | 297.4 | 317.1 | 7.3 | 92.5 | 1.7 | 11.0 |
| 6.4 | 25.7 | 1948.6 | 800.0 | 6.4 | 4.6 | 253.9 | 6.9 | 6.6 | 1.9 | 298.9 | 317.2 | 6.7 | 87.9 | 1.9 | 13.4 |
| 7.3 | 27.0 | 2209.3 | 775.0 | 5.8 | 4.0 | 246.6 | 8.4 | 7.7 | 3.3 | 300.9 | 317.2 | 6.6 | 89.4 | 2.3 | 9.7 |
| 8.1 | 29.7 | 2477.9 | 750.0 | 5.1 | 2.7 | 250.6 | 10.0 | 9.5 | 3.3 | 302.9 | 320.4 | 6.2 | 84.5 | 2.7 | 9.7 |
| 9.7 | 32.3 | 2754.8 | 725.0 | 3.8 | 1.3 | 256.5 | 11.7 | 11.4 | 2.7 | 304.4 | 320.8 | 5.8 | 83.7 | 3.3 | 9.0 |
| 10.0 | 35.1 | 3039.1 | 700.0 | 1.5 | 0.1 | 257.6 | 13.8 | 13.5 | 3.0 | 304.9 | 320.6 | 5.5 | 90.2 | 4.3 | 9.4 |
| 11.2 | 37.7 | 3332.2 | 675.0 | 0.2 | -0.3 | 257.9 | 15.6 | 15.3 | 3.3 | 306.5 | 321.8 | 5.3 | 92.7 | 5.0 | 4.0 |
| 12.3 | 40.4 | 3634.5 | 650.0 | -1.3 | -2.3 | 260.2 | 17.1 | 16.8 | 2.9 | 308.1 | 322.5 | 5.0 | 92.6 | 6.1 | 4.4 |
| 13.4 | 43.1 | 3947.0 | 625.0 | -2.2 | -6.1 | 265.7 | 16.5 | 16.5 | 1.2 | 310.4 | 321.9 | 3.9 | 75.1 | 7.1 | 4.4 |
| 14.8 | 46.0 | 4271.9 | 600.0 | -2.0 | -9.3 | 271.0 | 14.1 | 14.1 | -0.2 | 315.2 | 323.8 | 3.1 | 56.8 | 8.5 | 4.5 |
| 16.1 | 49.1 | 4609.2 | 575.0 | -4.4 | -11.3 | 270.1 | 15.6 | 15.6 | -0.0 | 315.2 | 323.8 | 2.8 | 56.3 | 9.7 | 4.5 |
| 17.4 | 51.9 | 4958.4 | 550.0 | -6.6 | -13.7 | 272.0 | 17.1 | 17.1 | -0.6 | 316.6 | 324.1 | 2.4 | 56.8 | 10.9 | 4.6 |
| 18.9 | 55.1 | 5323.8 | 525.0 | -8.4 | -15.5 | 267.7 | 22.3 | 22.2 | 0.9 | 318.6 | 325.4 | 2.2 | 56.2 | 12.7 | 4.7 |
| 20.2 | 58.0 | 5697.7 | 500.0 | -10.9 | -18.1 | 267.3 | 21.7 | 21.6 | 1.0 | 319.9 | 325.8 | 1.8 | 55.4 | 14.5 | 4.7 |
| 21.6 | 61.3 | 6090.1 | 475.0 | -13.2 | -21.6 | 269.7 | 22.8 | 22.8 | 0.1 | 321.8 | 326.5 | 1.4 | 49.2 | 16.4 | 4.7 |
| 23.2 | 64.7 | 6499.6 | 450.0 | -16.4 | -25.0 | 272.5 | 25.1 | 25.0 | -1.1 | 322.7 | 326.4 | 1.1 | 47.1 | 18.6 | 4.7 |
| 24.8 | 67.9 | 6927.1 | 425.0 | -19.4 | -28.7 | 271.1 | 26.4 | 26.4 | -0.5 | 324.1 | 327.0 | 0.8 | 43.3 | 21.1 | 4.8 |
| 26.6 | 71.4 | 7374.8 | 400.0 | -23.1 | -31.1 | 267.2 | 26.3 | 26.2 | 1.3 | 325.0 | 327.4 | 0.7 | 47.4 | 23.3 | 4.8 |
| 28.2 | 75.0 | 7843.9 | 375.0 | -26.4 | -34.4 | 261.2 | 24.9 | 24.6 | 3.8 | 326.6 | 328.5 | 0.5 | 46.8 | 26.5 | 4.8 |
| 30.1 | 78.0 | 8338.7 | 350.0 | -30.3 | -38.9 | 252.5 | 26.9 | 25.6 | 6.1 | 327.9 | 329.3 | 0.4 | 42.4 | 29.2 | 4.7 |
| 31.9 | 82.8 | 8861.4 | 325.0 | -34.4 | -43.1 | 251.7 | 30.0 | 28.5 | 9.4 | 329.2 | 330.1 | 0.3 | 40.6 | 32.2 | 4.5 |
| 33.9 | 86.8 | 9416.2 | 300.0 | -38.7 | -47.2 | 243.4 | 26.0 | 23.2 | 11.7 | 330.7 | 331.4 | 0.2 | 39.9 | 34.6 | 4.4 |
| 35.9 | 91.2 | 10007.2 | 275.0 | -43.7 | -51.9 | 241.3 | 30.4 | 27.6 | 14.6 | 332.0 | 332.9 | 99.9 | 99.9 | 36.3 | 4.2 |
| 39.0 | 95.8 | 10639.9 | 250.0 | -49.3 | -59.9 | 240.3 | 39.4 | 34.3 | 19.5 | 332.7 | 332.9 | 99.9 | 99.9 | 42.5 | 4.0 |
| 40.2 | 100.7 | 11320.5 | 225.0 | -55.8 | -66.3 | 238.3 | 38.7 | 32.9 | 20.1 | 333.0 | 333.0 | 99.9 | 99.9 | 47.1 | 4.0 |
| 42.6 | 106.3 | 12059.9 | 200.0 | -61.9 | -72.9 | 241.5 | 30.5 | 28.8 | 14.6 | 334.2 | 334.2 | 99.9 | 99.9 | 51.4 | 4.0 |
| 45.3 | 111.5 | 12874.0 | 175.0 | -65.7 | -79.9 | 259.5 | 32.6 | 32.1 | 6.0 | 341.6 | 341.6 | 99.9 | 99.9 | 58.1 | 4.0 |
| 48.3 | 117.5 | 13826.1 | 150.0 | -60.7 | -79.9 | 274.1 | 25.3 | 25.2 | -1.8 | 365.6 | 365.6 | 99.9 | 99.9 | 63.1 | 4.0 |
| 52.2 | 124.7 | 14970.1 | 125.0 | -57.4 | -79.9 | 999.9 | 99.9 | 99.9 | 99.9 | 391.0 | 391.0 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 433
SALEM, ILL24 APRIL 1975
1756 GMT

| TIME MIN | CNTCT | WRIGHT GPM | PRES MB | TEMP DG C | CEW PT DG C | DIR CG | SPEED M/SEC | U COMP M/SEC | V CCNP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | PH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.4 | 175.0 | 990.3 | 18.9 | 15.4 | 360.0 | 5.7 | 0.0 | -5.7 | 294.4 | 323.6 | 11.2 | 80.0 | 9.0 | 3.0 |
| 99.9 | 55.9 | 99.9 | 1300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 0.4 | 6.5 | 308.7 | 975.0 | 17.0 | 13.7 | 351.9 | 3.9 | 0.6 | -3.9 | 293.6 | 320.2 | 10.2 | 81.0 | 0.2 | 1.3 |
| 1.2 | 8.5 | 525.9 | 950.0 | 14.9 | 13.1 | 351.2 | 4.2 | 0.4 | -4.2 | 293.7 | 319.9 | 10.0 | 86.7 | 0.3 | 1.7 |
| 1.9 | 10.4 | 755.6 | 925.0 | 13.0 | 11.7 | 348.1 | 3.2 | 0.7 | -3.1 | 293.9 | 318.6 | 9.4 | 91.7 | 2.5 | 17.5 |
| 2.6 | 12.3 | 985.8 | 900.0 | 11.4 | 10.4 | 293.2 | 1.6 | 1.5 | -0.6 | 294.4 | 317.8 | 8.9 | 93.4 | 6.5 | 17.5 |
| 3.5 | 14.4 | 1221.6 | 875.0 | 10.9 | 9.2 | 242.9 | 3.5 | 3.1 | 1.6 | 296.3 | 317.8 | 8.9 | 89.4 | 0.6 | 10.4 |
| 4.3 | 16.3 | 1463.8 | 850.0 | 10.4 | 6.4 | 244.7 | 7.7 | 7.0 | 3.3 | 298.0 | 317.4 | 7.1 | 76.3 | 6.5 | 17.4 |
| 5.1 | 18.5 | 1712.2 | 825.0 | 9.3 | 4.6 | 244.3 | 11.6 | 10.7 | 4.7 | 299.2 | 317.0 | 6.5 | 72.2 | 6.5 | 10.7 |
| 5.9 | 20.6 | 1967.3 | 800.0 | 8.0 | 3.2 | 244.7 | 14.3 | 12.9 | 6.1 | 300.5 | 317.3 | 6.1 | 71.8 | 1.4 | 9.0 |
| 6.7 | 22.4 | 2228.8 | 775.0 | 6.3 | 1.3 | 245.7 | 16.1 | 14.7 | 6.6 | 301.3 | 316.6 | 5.5 | 70.4 | 2.9 | 7.1 |
| 7.5 | 25.1 | 2457.9 | 750.0 | 6.0 | -1.0 | 249.3 | 17.0 | 15.9 | 6.0 | 303.7 | 317.2 | 4.8 | 60.9 | 3.9 | 7.4 |
| 8.5 | 27.2 | 2776.1 | 725.0 | 6.9 | -5.8 | 258.7 | 17.9 | 17.6 | 3.5 | 307.5 | 317.6 | 2.6 | 32.6 | 4.9 | 7.4 |
| 9.4 | 29.6 | 3063.7 | 700.0 | 5.4 | -9.7 | 267.7 | 18.6 | 18.8 | 0.8 | 308.8 | 316.7 | 2.3 | 31.1 | 5.8 | 7.0 |
| 10.2 | 32.1 | 3355.7 | 675.0 | 3.6 | -11.9 | 273.0 | 19.7 | 19.7 | -1.0 | 309.9 | 316.9 | 1.9 | 24.1 | 7.0 | 4.3 |
| 11.2 | 34.6 | 3645.4 | 650.0 | 1.8 | -14.3 | 276.9 | 21.1 | 20.9 | -2.5 | 311.2 | 317.3 | 1.4 | 23.7 | 8.2 | 4.5 |
| 12.2 | 37.0 | 3900.2 | 625.0 | -0.2 | -18.4 | 277.1 | 23.0 | 22.8 | -3.2 | 312.4 | 316.9 | 0.9 | 15.8 | 9.4 | 4.7 |
| 13.3 | 39.7 | 4300.1 | 600.0 | -1.9 | -24.4 | 280.3 | 24.6 | 24.2 | -4.4 | 314.0 | 316.9 | 0.8 | 16.6 | 11.4 | 4.5 |
| 14.4 | 42.1 | 4642.6 | 575.0 | -4.2 | -25.8 | 284.1 | 25.4 | 24.7 | -6.2 | 315.2 | 317.9 | 0.5 | 12.9 | 13.3 | 4.1 |
| 15.6 | 45.0 | 4991.6 | 550.0 | -6.7 | -30.5 | 282.5 | 27.8 | 27.2 | -6.0 | 316.2 | 318.0 | 0.5 | 13.6 | 15.3 | 3.6 |
| 16.8 | 47.9 | 5353.6 | 525.0 | -8.7 | -31.6 | 278.5 | 29.0 | 28.7 | -4.3 | 318.3 | 319.8 | 0.4 | 14.3 | 17.8 | 3.1 |
| 17.2 | 50.7 | 5723.4 | 500.0 | -12.1 | -33.9 | 275.0 | 29.0 | 28.9 | -2.5 | 318.3 | 319.8 | 0.4 | 14.3 | 17.8 | 3.1 |
| 18.5 | 53.6 | 6115.3 | 475.0 | -15.1 | -27.8 | 272.5 | 29.4 | 29.4 | -1.3 | 319.4 | 322.1 | 0.8 | 32.7 | 19.9 | 4.3 |
| 20.8 | 56.6 | 6525.9 | 450.0 | -17.9 | -31.2 | 267.1 | 31.7 | 31.7 | 1.6 | 320.7 | 323.0 | 0.7 | 32.0 | 22.4 | 4.5 |
| 22.0 | 59.9 | 6950.4 | 425.0 | -21.3 | -33.6 | 265.1 | 32.7 | 32.5 | 2.8 | 321.6 | 323.5 | 0.5 | 32.0 | 24.7 | 4.2 |
| 23.4 | 63.1 | 7394.3 | 400.0 | -25.1 | -36.6 | 263.5 | 35.5 | 35.3 | 4.0 | 322.3 | 323.8 | 0.4 | 33.3 | 27.3 | 4.1 |
| 24.9 | 66.5 | 7866.6 | 375.0 | -28.4 | -43.6 | 262.7 | 36.0 | 33.8 | 4.3 | 323.9 | 324.7 | 0.2 | 21.4 | 30.4 | 4.1 |
| 26.3 | 70.1 | 8350.4 | 350.0 | -33.0 | -47.3 | 267.2 | 36.4 | 34.4 | 1.7 | 324.2 | 324.3 | 0.1 | 21.9 | 33.4 | 4.0 |
| 27.8 | 73.9 | 8860.7 | 325.0 | -37.3 | -50.2 | 265.2 | 36.2 | 34.1 | 2.9 | 325.2 | 325.6 | 0.1 | 24.3 | 36.4 | 4.0 |
| 29.5 | 77.3 | 9414.5 | 300.0 | -41.8 | -59.9 | 262.7 | 33.1 | 31.6 | 9.4 | 326.4 | 326.4 | 99.9 | 99.9 | 40.3 | 4.0 |
| 31.5 | 81.8 | 10000.0 | 275.0 | -45.6 | -69.9 | 268.1 | 33.8 | 31.4 | 12.5 | 329.2 | 329.2 | 99.9 | 99.9 | 43.6 | 4.7 |
| 33.5 | 86.2 | 10627.8 | 250.0 | -50.8 | -69.9 | 269.4 | 33.9 | 31.7 | 11.9 | 330.5 | 329.9 | 99.9 | 99.9 | 47.9 | 4.5 |
| 35.4 | 91.0 | 11303.6 | 225.0 | -56.2 | -69.9 | 262.3 | 37.6 | 37.2 | 5.0 | 332.5 | 332.5 | 99.9 | 99.9 | 51.7 | 4.5 |
| 37.9 | 96.0 | 12045.0 | 200.0 | -61.7 | -69.9 | 262.7 | 43.9 | 43.5 | 5.6 | 335.1 | 335.1 | 99.9 | 99.9 | 57.3 | 4.5 |
| 40.6 | 101.3 | 12876.3 | 175.0 | -60.4 | -69.9 | 266.4 | 31.6 | 31.6 | 2.0 | 350.2 | 350.2 | 99.9 | 99.9 | 63.5 | 4.5 |
| 44.0 | 107.5 | 13836.8 | 150.0 | -58.1 | -69.9 | 263.2 | 33.4 | 33.2 | 4.0 | 370.1 | 370.1 | 99.9 | 99.9 | 69.9 | 4.4 |
| 47.9 | 114.3 | 14951.2 | 125.0 | -59.7 | -69.9 | 255.0 | 23.5 | 22.8 | 5.7 | 366.9 | 366.9 | 99.9 | 99.9 | 76.5 | 4.4 |
| 52.8 | 122.0 | 16376.7 | 100.0 | -58.8 | -69.9 | 276.9 | 27.2 | 27.0 | -3.3 | 414.1 | 414.1 | 99.9 | 99.9 | 83.5 | 4.3 |
| 58.5 | 131.0 | 18159.2 | 75.0 | -60.4 | -69.9 | 263.1 | 10.9 | 10.8 | 1.3 | 446.3 | 446.3 | 99.9 | 99.9 | 89.0 | 4.3 |
| 66.4 | 142.0 | 20700.6 | 50.0 | -56.3 | -69.9 | 261.5 | 11.6 | 11.7 | 1.8 | 510.8 | 510.8 | 99.9 | 99.9 | 92.4 | 4.3 |
| 99.9 | 99.9 | 99.9 | 25.0 | -59.9 | -69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 451
DODGE CITY, KAN

24 APRIL 1975
1730 GMT

| TIME MIN | CATCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PUT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 13.2 | 791.0 | 921.2 | 13.9 | 12.3 | 10.0 | 8.8 | -1.5 | -8.7 | 265.2 | 321.1 | 9.8 | 98.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 0.8 | 15.2 | 987.3 | 900.0 | 12.2 | 10.4 | 17.8 | 13.2 | -4.0 | -12.5 | 295.2 | 318.7 | 8.8 | 98.7 | 0.0 | 0.0 |
| 1.6 | 17.4 | 1224.1 | 875.0 | 12.1 | 10.6 | 13.9 | 12.4 | -3.0 | -12.1 | 297.5 | 322.2 | 9.2 | 90.7 | 1.2 | 13.9 |
| 2.5 | 19.9 | 1467.9 | 850.0 | 13.0 | 11.6 | 30.9 | 6.7 | -3.5 | -5.8 | 301.1 | 328.7 | 10.2 | 91.3 | 1.7 | 19.9 |
| 3.2 | 22.1 | 1719.1 | 825.0 | 11.3 | 9.8 | 40.0 | 6.8 | -4.4 | -5.2 | 301.7 | 327.0 | 9.3 | 90.8 | 2.0 | 22.2 |
| 4.2 | 25.7 | 1976.1 | 800.0 | 11.2 | 7.2 | 31.7 | 3.1 | -1.6 | -2.6 | 304.1 | 326.4 | 8.0 | 76.8 | 2.3 | 26.4 |
| 5.1 | 28.3 | 2281.5 | 775.0 | 11.3 | -3.5 | 93.2 | 1.3 | -1.3 | 0.1 | 306.5 | 317.7 | 3.8 | 35.1 | 2.4 | 20.5 |
| 5.9 | 29.6 | 2514.8 | 750.0 | 9.5 | -8.0 | 175.9 | 1.7 | -0.1 | 1.6 | 307.3 | 315.7 | 2.8 | 28.1 | 2.3 | 20.1 |
| 6.8 | 32.2 | 2794.6 | 725.0 | 7.1 | -16.7 | 219.0 | 1.5 | 1.0 | 1.2 | 307.5 | 311.9 | 1.4 | 16.4 | 2.2 | 20.7 |
| 7.7 | 35.0 | 3081.6 | 700.0 | 5.0 | -19.3 | 225.2 | 2.9 | 2.0 | 2.0 | 308.1 | 311.8 | 1.2 | 15.2 | 2.2 | 23.9 |
| 8.6 | 37.4 | 3376.8 | 675.0 | 2.6 | -25.6 | 229.5 | 4.8 | 3.4 | 3.4 | 308.6 | 310.9 | 0.7 | 10.3 | 2.3 | 23.4 |
| 9.6 | 40.2 | 3680.2 | 650.0 | -0.3 | -24.0 | 229.5 | 6.6 | 5.0 | 4.3 | 308.7 | 311.4 | 0.8 | 14.7 | 1.6 | 19.9 |
| 10.7 | 42.9 | 3982.2 | 625.0 | -3.0 | -24.4 | 231.4 | 7.6 | 5.9 | 4.7 | 309.1 | 311.8 | 0.8 | 17.2 | 1.3 | 14.9 |
| 11.7 | 45.9 | 4313.8 | 600.0 | -6.0 | -24.6 | 243.7 | 8.2 | 7.3 | 3.6 | 309.3 | 312.1 | 0.9 | 21.2 | 1.0 | 16.9 |
| 12.8 | 48.9 | 4645.5 | 575.0 | -8.5 | -23.2 | 252.4 | 10.5 | 10.0 | 3.2 | 310.1 | 313.4 | 1.0 | 29.4 | 1.1 | 13.9 |
| 13.8 | 51.7 | 4988.8 | 550.0 | -10.9 | -23.7 | 245.2 | 13.8 | 12.5 | 5.8 | 311.3 | 314.6 | 1.0 | 33.7 | 1.6 | 11.4 |
| 15.0 | 54.8 | 5345.0 | 525.0 | -12.9 | -31.4 | 243.1 | 16.4 | 14.6 | 7.4 | 312.9 | 314.6 | 0.5 | 18.6 | 2.4 | 9.0 |
| 16.2 | 57.8 | 5715.3 | 500.0 | -15.9 | -34.1 | 246.2 | 19.5 | 17.9 | 7.9 | 314.1 | 315.6 | 0.4 | 18.5 | 3.7 | 8.4 |
| 17.4 | 61.1 | 6100.1 | 475.0 | -18.4 | -33.5 | 247.8 | 22.3 | 20.7 | 8.4 | 315.2 | 316.8 | 0.5 | 25.0 | 5.2 | 7.4 |
| 18.7 | 64.6 | 6501.3 | 450.0 | -21.5 | -32.7 | 254.0 | 25.2 | 24.2 | 7.0 | 316.3 | 318.1 | 0.5 | 35.2 | 7.0 | 7.4 |
| 20.0 | 67.9 | 6920.2 | 425.0 | -24.5 | -30.5 | 256.2 | 27.9 | 27.1 | 6.7 | 317.6 | 320.0 | 0.7 | 57.1 | 9.1 | 7.4 |
| 21.4 | 71.2 | 7355.1 | 400.0 | -27.7 | -42.2 | 252.1 | 30.3 | 28.8 | 9.3 | 318.9 | 319.8 | 0.2 | 23.4 | 11.4 | 7.4 |
| 22.7 | 75.0 | 7819.1 | 375.0 | -31.5 | -43.3 | 249.9 | 32.9 | 30.9 | 11.3 | 319.8 | 320.6 | 0.2 | 30.0 | 13.7 | 7.4 |
| 24.3 | 78.0 | 8304.7 | 350.0 | -34.6 | -42.2 | 248.2 | 39.7 | 36.8 | 14.7 | 322.0 | 323.0 | 0.3 | 45.4 | 17.3 | 7.4 |
| 25.7 | 82.6 | 8818.5 | 325.0 | -38.4 | -47.2 | 247.5 | 44.0 | 40.7 | 16.8 | 323.7 | 324.3 | 0.2 | 38.6 | 21.0 | 7.2 |
| 27.3 | 86.9 | 9364.0 | 300.0 | -42.5 | 99.9 | 249.3 | 48.3 | 45.2 | 17.1 | 325.5 | 324.9 | 0.9 | 99.9 | 25.4 | 7.2 |
| 29.2 | 91.4 | 9845.6 | 275.0 | -47.3 | 99.9 | 247.1 | 50.5 | 46.5 | 19.7 | 326.7 | 325.9 | 99.9 | 99.9 | 31.1 | 7.1 |
| 31.1 | 96.0 | 10365.3 | 250.0 | -51.8 | 99.9 | 249.6 | 50.5 | 47.4 | 17.6 | 329.1 | 329.9 | 99.9 | 99.9 | 36.8 | 7.1 |
| 33.3 | 101.0 | 11245.9 | 225.0 | -55.5 | 99.9 | 250.6 | 44.2 | 41.7 | 14.7 | 333.5 | 333.5 | 99.9 | 99.9 | 43.0 | 7.1 |
| 35.7 | 106.4 | 11990.0 | 200.0 | -55.0 | 99.9 | 247.7 | 41.7 | 38.6 | 15.8 | 339.3 | 339.3 | 99.9 | 99.9 | 49.0 | 7.1 |
| 39.4 | 112.3 | 12829.9 | 175.0 | -56.9 | 99.9 | 257.6 | 33.6 | 32.3 | 9.3 | 356.0 | 356.0 | 99.9 | 99.9 | 55.7 | 7.1 |
| 41.5 | 118.5 | 13604.3 | 150.0 | -57.8 | 99.9 | 257.6 | 30.7 | 30.0 | 6.6 | 370.5 | 370.5 | 99.9 | 99.9 | 61.6 | 7.1 |
| 45.1 | 125.5 | 14952.4 | 125.0 | -58.1 | 99.9 | 252.9 | 33.4 | 31.9 | 9.8 | 389.9 | 389.9 | 99.9 | 99.9 | 68.2 | 7.1 |
| 50.0 | 132.3 | 16361.0 | 100.0 | -57.4 | 99.9 | 251.1 | 24.4 | 23.1 | 7.9 | 416.9 | 416.9 | 99.9 | 99.9 | 76.8 | 7.1 |
| 55.9 | 141.3 | 18177.4 | 75.0 | -58.4 | 99.9 | 260.1 | 8.8 | 8.7 | 1.5 | 450.5 | 450.5 | 99.9 | 99.9 | 82.9 | 7.1 |
| 63.8 | 149.7 | 20720.9 | 50.0 | -56.6 | 99.9 | 279.5 | 10.4 | 10.3 | -1.7 | 510.1 | 510.1 | 99.9 | 99.9 | 87.1 | 7.1 |
| 75.3 | 158.5 | 25159.1 | 25.0 | -50.2 | 99.9 | 46.1 | 2.0 | -1.4 | -1.4 | 640.5 | 640.5 | 99.9 | 99.9 | 88.9 | 7.1 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 456
TOPEKA, KAN

24 APRIL 1975
1715 GMT

114 114.0 0

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.3 | 268.0 | 978.5 | 20.6 | 17.2 | 40.0 | 3.6 | -2.3 | -2.8 | 297.3 | 330.8 | 12.8 | 81.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 6.3 | 290.0 | 975.0 | 19.8 | 15.8 | 42.9 | 3.3 | -2.3 | -2.4 | 296.7 | 327.6 | 11.7 | 77.4 | 0.0 | 315. |
| 0.8 | 8.5 | 522.1 | 950.0 | 17.0 | 13.0 | 53.6 | 1.9 | -1.5 | -1.1 | 295.8 | 322.1 | 10.0 | 77.3 | 0.1 | 224. |
| 1.5 | 10.4 | 749.2 | 925.0 | 14.9 | 12.7 | 125.2 | 1.3 | -1.1 | 0.8 | 295.7 | 322.2 | 10.0 | 87.3 | 0.2 | 234. |
| 2.3 | 12.3 | 980.9 | 900.0 | 12.9 | 11.8 | 172.8 | 4.0 | -0.5 | 4.0 | 296.1 | 321.9 | 9.7 | 92.5 | 0.2 | 254. |
| 3.1 | 14.4 | 1218.9 | 875.0 | 14.9 | 7.4 | 180.0 | 7.0 | -0.0 | 7.0 | 300.3 | 320.6 | 7.4 | 60.5 | 0.3 | 324. |
| 4.0 | 16.4 | 1463.8 | 850.0 | 13.9 | 3.7 | 157.1 | 5.3 | -2.0 | 4.8 | 301.5 | 317.9 | 5.9 | 50.0 | 0.7 | 314. |
| 4.8 | 18.5 | 1713.2 | 825.0 | 12.4 | 3.5 | 153.7 | 3.9 | -1.7 | 3.5 | 302.5 | 319.3 | 6.0 | 54.7 | 0.9 | 334. |
| 5.6 | 20.6 | 1972.8 | 800.0 | 10.6 | 7.2 | 196.4 | 3.5 | 1.2 | 3.3 | 303.5 | 325.7 | 6.0 | 79.9 | 1.0 | 314. |
| 6.3 | 22.7 | 2237.3 | 775.0 | 9.1 | 6.7 | 212.0 | 5.5 | 2.9 | 4.6 | 304.6 | 326.8 | 8.0 | 84.8 | 1.2 | 344. |
| 7.3 | 25.0 | 2508.3 | 750.0 | 6.5 | 3.9 | 207.7 | 5.3 | 2.4 | 4.7 | 304.5 | 323.5 | 6.8 | 83.2 | 1.4 | 354. |
| 8.4 | 27.2 | 2786.4 | 725.0 | 4.9 | -1.2 | 204.2 | 4.1 | 1.7 | 3.8 | 305.4 | 319.3 | 4.8 | 64.8 | 1.7 | 1. |
| 9.1 | 29.5 | 3072.2 | 700.0 | 3.4 | -5.4 | 211.5 | 3.6 | 1.9 | 3.1 | 306.7 | 317.4 | 3.7 | 52.7 | 1.4 | 2. |
| 10.2 | 32.0 | 3366.7 | 675.0 | 2.4 | -12.5 | 233.8 | 4.6 | 3.7 | 2.7 | 308.6 | 315.2 | 2.2 | 32.3 | 2.0 | 7. |
| 11.2 | 34.5 | 3670.5 | 650.0 | -0.0 | -13.4 | 232.2 | 6.7 | 5.3 | 4.1 | 309.2 | 315.6 | 2.1 | 35.5 | 2.2 | 14. |
| 12.3 | 36.9 | 3983.0 | 625.0 | -2.7 | -14.8 | 232.4 | 9.3 | 7.4 | 5.7 | 309.6 | 315.5 | 1.9 | 38.6 | 2.7 | 20. |
| 13.4 | 39.5 | 4305.4 | 600.0 | -5.3 | -16.3 | 236.7 | 12.5 | 10.4 | 6.9 | 310.2 | 315.7 | 1.8 | 41.7 | 3.3 | 24. |
| 14.6 | 42.0 | 4637.9 | 575.0 | -8.0 | -19.0 | 238.3 | 13.8 | 11.7 | 7.2 | 310.8 | 315.5 | 1.5 | 40.6 | 4.2 | 34. |
| 15.8 | 44.9 | 4981.4 | 550.0 | -10.8 | -22.0 | 244.2 | 14.7 | 13.3 | 6.4 | 311.3 | 315.1 | 1.2 | 39.2 | 5.1 | 37. |
| 16.9 | 47.5 | 5336.9 | 525.0 | -13.7 | -23.0 | 246.8 | 17.9 | 16.4 | 7.0 | 312.0 | 315.6 | 1.1 | 45.2 | 6.1 | 44. |
| 19.1 | 50.5 | 5706.0 | 500.0 | -16.3 | -25.8 | 251.0 | 22.5 | 21.3 | 7.3 | 313.3 | 316.3 | 0.9 | 43.6 | 7.4 | 44. |
| 19.4 | 53.5 | 6090.5 | 475.0 | -18.2 | -30.1 | 253.4 | 25.0 | 24.0 | 7.2 | 315.4 | 317.6 | 0.7 | 34.4 | 9.2 | 51. |
| 20.5 | 56.4 | 6492.5 | 450.0 | -21.0 | -34.0 | 254.4 | 26.3 | 25.3 | 7.1 | 316.8 | 318.4 | 0.5 | 29.4 | 10.9 | 57. |
| 22.1 | 59.7 | 6911.1 | 425.0 | -25.1 | -38.2 | 256.7 | 28.5 | 25.8 | 6.1 | 316.8 | 319.3 | 0.4 | 38.5 | 13.1 | 60. |
| 23.4 | 62.0 | 7345.1 | 400.0 | -28.3 | -35.9 | 260.0 | 28.1 | 27.7 | 4.9 | 318.1 | 319.7 | 0.4 | 47.7 | 15.2 | 63. |
| 25.0 | 66.4 | 7809.2 | 375.0 | -31.6 | -37.5 | 254.4 | 32.6 | 31.4 | 8.5 | 319.7 | 321.1 | 0.4 | 55.7 | 18.0 | 67. |
| 26.5 | 70.2 | 8204.3 | 350.0 | -34.8 | -40.8 | 256.1 | 35.2 | 37.0 | 9.2 | 321.8 | 322.9 | 0.3 | 53.6 | 21.2 | 67. |
| 28.2 | 73.7 | 8607.8 | 325.0 | -38.6 | -47.5 | 257.5 | 43.3 | 42.2 | 9.3 | 323.4 | 324.0 | 0.2 | 38.2 | 25.2 | 67. |
| 30.0 | 77.3 | 9352.8 | 300.0 | -42.9 | 99.9 | 257.7 | 46.3 | 45.2 | 9.8 | 325.0 | 999.9 | 99.9 | 99.9 | 30.2 | 70. |
| 31.2 | 81.9 | 9934.2 | 275.0 | -47.1 | 99.9 | 258.6 | 48.0 | 47.0 | 9.5 | 327.0 | 999.9 | 99.9 | 99.9 | 35.7 | 71. |
| 34.1 | 86.2 | 10560.7 | 250.0 | -51.1 | 99.9 | 256.6 | 44.9 | 43.7 | 10.4 | 330.1 | 999.9 | 99.9 | 99.9 | 41.7 | 72. |
| 36.3 | 91.2 | 11240.8 | 225.0 | -54.9 | 99.9 | 252.3 | 42.8 | 41.6 | 10.1 | 334.4 | 999.9 | 99.9 | 99.9 | 47.4 | 73. |
| 39.6 | 96.3 | 11989.1 | 200.0 | -58.8 | 99.9 | 252.3 | 34.8 | 33.2 | 10.6 | 342.9 | 999.9 | 99.9 | 99.9 | 53.5 | 73. |
| 41.4 | 102.3 | 12825.7 | 175.0 | -59.9 | 99.9 | 257.7 | 31.9 | 31.2 | 6.8 | 351.0 | 999.9 | 99.9 | 99.9 | 60.1 | 73. |
| 44.6 | 108.5 | 13787.8 | 150.0 | -60.4 | 99.9 | 255.1 | 33.1 | 30.0 | 8.5 | 366.0 | 999.9 | 99.9 | 99.9 | 65.4 | 73. |
| 48.3 | 115.5 | 14932.1 | 125.0 | -55.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 393.8 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 486
FORT TUTTEN, N.Y.

24 APRIL 1975
1715 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.8 | 8.0 | 1011.6 | 14.1 | 14.6 | 999.9 | 99.9 | 99.9 | 99.9 | 289.7 | 316.4 | 10.6 | 91.0 | 999.9 | 999.9 |
| 0.5 | 5.7 | 106.6 | 1000.0 | 14.1 | 14.7 | 999.9 | 99.9 | 99.9 | 99.9 | 290.7 | 318.1 | 10.6 | 91.4 | 999.9 | 999.9 |
| 1.1 | 7.7 | 222.2 | 975.0 | 15.4 | 14.0 | 999.9 | 99.9 | 99.9 | 99.9 | 292.0 | 318.9 | 10.4 | 91.1 | 999.9 | 999.9 |
| 2.0 | 9.3 | 542.4 | 950.0 | 14.1 | 12.7 | 999.9 | 99.9 | 99.9 | 99.9 | 292.8 | 318.3 | 9.8 | 91.4 | 999.9 | 999.9 |
| 2.7 | 11.9 | 767.4 | 925.0 | 12.6 | 11.3 | 999.9 | 99.9 | 99.9 | 99.9 | 293.4 | 317.3 | 9.1 | 91.8 | 999.9 | 999.9 |
| 3.6 | 14.1 | 997.8 | 900.0 | 12.1 | 11.0 | 999.9 | 99.9 | 99.9 | 99.9 | 295.2 | 319.5 | 9.2 | 92.7 | 999.9 | 999.9 |
| 4.4 | 16.1 | 1234.1 | 875.0 | 11.3 | 10.2 | 999.9 | 99.9 | 99.9 | 99.9 | 296.7 | 320.6 | 9.0 | 92.7 | 999.9 | 999.9 |
| 5.3 | 18.4 | 1476.4 | 850.0 | 9.9 | 8.6 | 999.9 | 99.9 | 99.9 | 99.9 | 297.6 | 319.9 | 8.3 | 91.1 | 999.9 | 999.9 |
| 6.2 | 20.5 | 1724.5 | 825.0 | 8.6 | 7.2 | 999.9 | 99.9 | 99.9 | 99.9 | 298.8 | 319.9 | 7.8 | 90.7 | 999.9 | 999.9 |
| 7.2 | 22.7 | 1978.9 | 800.0 | 6.8 | 5.6 | 999.9 | 99.9 | 99.9 | 99.9 | 299.4 | 318.9 | 7.2 | 91.8 | 999.9 | 999.9 |
| 8.0 | 25.1 | 2239.4 | 775.0 | 5.1 | 3.9 | 999.9 | 99.9 | 99.9 | 99.9 | 300.2 | 318.3 | 6.6 | 92.0 | 999.9 | 999.9 |
| 8.9 | 27.3 | 2507.1 | 750.0 | 3.5 | 2.3 | 999.9 | 99.9 | 99.9 | 99.9 | 301.1 | 317.9 | 6.0 | 91.9 | 999.9 | 999.9 |
| 9.9 | 29.3 | 2781.9 | 725.0 | 1.9 | 0.8 | 999.9 | 99.9 | 99.9 | 99.9 | 302.3 | 318.0 | 5.6 | 92.0 | 999.9 | 999.9 |
| 10.9 | 32.3 | 3065.1 | 700.0 | 0.6 | -0.4 | 999.9 | 99.9 | 99.9 | 99.9 | 303.8 | 318.9 | 5.3 | 92.8 | 999.9 | 999.9 |
| 12.0 | 34.9 | 3257.0 | 675.0 | -0.3 | -1.5 | 999.9 | 99.9 | 99.9 | 99.9 | 306.0 | 320.6 | 5.1 | 91.5 | 999.9 | 999.9 |
| 12.9 | 37.3 | 3658.6 | 650.0 | -2.0 | -3.4 | 999.9 | 99.9 | 99.9 | 99.9 | 307.3 | 320.6 | 4.6 | 90.1 | 999.9 | 999.9 |
| 14.0 | 40.0 | 3965.8 | 625.0 | -3.9 | -6.5 | 999.9 | 99.9 | 99.9 | 99.9 | 308.4 | 319.5 | 3.8 | 82.6 | 999.9 | 999.9 |
| 15.0 | 42.4 | 4291.6 | 600.0 | -5.6 | -9.3 | 999.9 | 99.9 | 99.9 | 99.9 | 310.1 | 319.7 | 3.2 | 75.6 | 999.9 | 999.9 |
| 16.0 | 45.2 | 4624.2 | 575.0 | -7.7 | -16.0 | 999.9 | 99.9 | 99.9 | 99.9 | 311.2 | 317.1 | 1.9 | 51.2 | 999.9 | 999.9 |
| 17.1 | 48.1 | 4968.5 | 550.0 | -10.2 | -16.7 | 999.9 | 99.9 | 99.9 | 99.9 | 312.2 | 318.1 | 1.9 | 59.0 | 999.9 | 999.9 |
| 18.3 | 50.9 | 5326.6 | 525.0 | -11.4 | -13.4 | 999.9 | 99.9 | 99.9 | 99.9 | 315.0 | 323.0 | 2.6 | 85.3 | 999.9 | 999.9 |
| 19.5 | 54.0 | 5700.0 | 500.0 | -13.6 | -15.1 | 999.9 | 99.9 | 99.9 | 99.9 | 316.7 | 324.1 | 2.4 | 88.5 | 999.9 | 999.9 |
| 20.7 | 56.9 | 6088.3 | 475.0 | -16.6 | -19.0 | 999.9 | 99.9 | 99.9 | 99.9 | 317.6 | 323.3 | 1.8 | 81.5 | 999.9 | 999.9 |
| 22.0 | 60.1 | 6453.4 | 450.0 | -19.1 | -22.1 | 999.9 | 99.9 | 99.9 | 99.9 | 319.4 | 324.1 | 1.4 | 76.7 | 999.9 | 999.9 |
| 23.4 | 63.4 | 6914.8 | 425.0 | -22.1 | -29.7 | 999.9 | 99.9 | 99.9 | 99.9 | 320.8 | 323.6 | 0.8 | 54.3 | 999.9 | 999.9 |
| 24.9 | 66.7 | 7358.8 | 400.0 | -26.5 | -68.6 | 999.9 | 99.9 | 99.9 | 99.9 | 320.5 | 320.5 | 0.0 | 1.0 | 999.9 | 999.9 |
| 26.3 | 70.3 | 7822.6 | 375.0 | -29.1 | -68.6 | 999.9 | 99.9 | 99.9 | 99.9 | 322.9 | 323.0 | 0.0 | 1.0 | 999.9 | 999.9 |
| 27.9 | 73.3 | 8312.2 | 350.0 | -32.7 | -44.7 | 999.9 | 99.9 | 99.9 | 99.9 | 324.6 | 325.4 | 0.2 | 29.3 | 999.9 | 999.9 |
| 29.5 | 77.9 | 8829.7 | 325.0 | -37.0 | -43.5 | 999.9 | 99.9 | 99.9 | 99.9 | 325.6 | 326.5 | 0.2 | 50.8 | 999.9 | 999.9 |
| 31.3 | 81.7 | 9378.9 | 300.0 | -41.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 327.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 33.3 | 85.9 | 9963.9 | 275.0 | -45.8 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 328.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 35.4 | 90.4 | 10590.5 | 250.0 | -51.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 329.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 37.7 | 95.3 | 11266.0 | 225.0 | -56.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 331.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 40.1 | 100.4 | 12001.4 | 200.0 | -62.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 334.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 42.8 | 106.0 | 12815.9 | 175.0 | -65.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 341.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 45.6 | 112.0 | 13761.2 | 150.0 | -64.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 359.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 49.0 | 119.3 | 14899.7 | 125.0 | -57.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 391.4 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 53.1 | 126.7 | 16312.4 | 100.0 | -58.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 413.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 58.6 | 135.7 | 18121.6 | 75.0 | -60.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 447.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 65.8 | 144.3 | 20674.4 | 50.0 | -57.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 509.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEC MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 518
ALBANY, N.Y.

24 APRIL 1975
1715 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM HALF MINUTE VALUES

164 23. 1

| TIME MIN | CNTCT | WEIGHT GEV | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DEG K | E POT Y DEG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.8 | 86.0 | 1000.8 | 11.5 | 10.2 | 170.0 | 5.2 | -0.9 | 5.1 | 285.6 | 305.7 | 7.9 | 92.0 | 0.0 | C. |
| 0.1 | 5.9 | 92.7 | 1000.0 | 11.5 | 9.5 | 172.0 | 4.0 | -0.0 | 4.0 | 285.6 | 304.9 | 7.5 | 27.7 | 0.1 | 350. |
| 0.9 | 8.3 | 304.6 | 975.0 | 11.6 | 10.1 | 202.7 | 4.1 | 1.6 | 3.8 | 287.9 | 308.6 | 8.0 | 90.5 | 0.5 | 354. |
| 1.7 | 10.6 | 523.1 | 550.0 | 12.7 | 11.1 | 216.6 | 8.3 | 4.9 | 6.6 | 251.2 | 314.1 | 8.8 | 90.2 | 0.9 | 6. |
| 2.5 | 13.3 | 746.8 | 925.0 | 11.0 | 9.8 | 230.0 | 9.0 | 7.7 | 4.6 | 291.6 | 313.3 | 8.3 | 92.7 | 1.2 | 20. |
| 3.3 | 15.5 | 975.9 | 900.0 | 10.2 | 8.6 | 260.0 | 10.3 | 10.1 | 1.8 | 293.1 | 313.9 | 7.9 | 89.9 | 1.5 | 34. |
| 4.1 | 17.8 | 1210.5 | 875.0 | 9.3 | 7.4 | 263.4 | 10.5 | 10.5 | 1.2 | 294.5 | 314.2 | 7.4 | 87.6 | 1.9 | 46. |
| 5.0 | 20.4 | 1451.1 | 850.0 | 8.4 | 6.8 | 265.6 | 11.2 | 11.1 | 0.9 | 295.9 | 315.5 | 7.3 | 89.4 | 2.4 | 54. |
| 5.9 | 22.9 | 1697.5 | 825.0 | 6.7 | 5.5 | 265.1 | 13.1 | 13.1 | 1.1 | 296.6 | 315.2 | 6.9 | 91.6 | 2.9 | 51. |
| 6.8 | 25.5 | 1950.1 | 800.0 | 5.0 | 2.1 | 257.2 | 13.5 | 13.2 | 3.0 | 297.2 | 312.6 | 6.6 | 81.5 | 3.7 | 62. |
| 7.9 | 28.1 | 2208.9 | 775.0 | 3.7 | 0.8 | 246.5 | 11.0 | 10.1 | 4.4 | 258.5 | 313.0 | 5.2 | 91.3 | 4.4 | 56. |
| 9.0 | 30.7 | 2474.6 | 750.0 | 1.9 | -1.3 | 236.4 | 18.7 | 15.5 | 10.3 | 259.2 | 312.2 | 4.7 | 79.6 | 5.0 | 66. |
| 10.1 | 33.7 | 2747.5 | 725.0 | 0.2 | -3.1 | 233.8 | 25.0 | 20.2 | 14.8 | 300.3 | 312.1 | 4.2 | 77.5 | 7.0 | 63. |
| 11.0 | 36.1 | 3031.1 | 700.0 | 0.9 | -0.6 | 237.7 | 21.1 | 17.8 | 11.3 | 306.4 | 321.4 | 5.3 | 78.0 | 8.2 | 61. |
| 12.4 | 39.0 | 3324.9 | 675.0 | 0.7 | -1.8 | 242.5 | 21.5 | 18.1 | 9.9 | 307.0 | 321.4 | 5.0 | 83.3 | 9.8 | 61. |
| 13.5 | 41.7 | 3627.2 | 650.0 | -1.4 | -3.6 | 243.3 | 19.7 | 17.0 | 8.9 | 307.9 | 321.1 | 4.5 | 85.4 | 11.3 | 62. |
| 14.9 | 44.7 | 3938.7 | 625.0 | -3.9 | -5.7 | 244.6 | 17.0 | 15.3 | 7.3 | 308.5 | 320.3 | 4.0 | 86.9 | 12.6 | 62. |
| 16.0 | 47.8 | 4260.4 | 600.0 | -5.6 | -7.4 | 250.1 | 19.1 | 17.0 | 6.1 | 310.1 | 320.9 | 3.7 | 86.9 | 13.9 | 62. |
| 17.1 | 50.7 | 4593.3 | 575.0 | -7.7 | -9.8 | 255.0 | 19.9 | 18.2 | 5.1 | 311.3 | 320.9 | 3.2 | 85.3 | 15.2 | 63. |
| 18.4 | 53.6 | 4937.0 | 550.0 | -10.0 | -11.9 | 257.3 | 23.4 | 22.8 | 5.1 | 312.5 | 321.1 | 2.8 | 86.1 | 16.7 | 64. |
| 19.6 | 56.9 | 5295.2 | 525.0 | -12.6 | -14.9 | 258.3 | 22.4 | 21.9 | 4.5 | 313.5 | 320.6 | 2.3 | 83.2 | 18.4 | 66. |
| 21.3 | 60.1 | 5666.3 | 500.0 | -15.2 | -17.5 | 253.5 | 23.7 | 22.8 | 6.8 | 314.7 | 320.7 | 1.9 | 82.6 | 20.2 | 67. |
| 22.4 | 63.6 | 6052.5 | 475.0 | -17.6 | -19.8 | 253.4 | 28.2 | 27.0 | 8.1 | 316.4 | 321.7 | 1.7 | 82.8 | 22.4 | 67. |
| 23.7 | 66.9 | 6455.4 | 450.0 | -20.1 | -22.4 | 251.4 | 30.8 | 30.0 | 6.7 | 318.1 | 322.6 | 1.4 | 81.8 | 24.7 | 69. |
| 25.1 | 70.4 | 6877.2 | 425.0 | -22.9 | -24.8 | 261.1 | 30.9 | 30.5 | 4.8 | 319.7 | 323.6 | 1.2 | 84.6 | 27.2 | 69. |
| 26.5 | 74.0 | 7318.6 | 400.0 | -26.1 | -28.6 | 260.3 | 31.9 | 31.4 | 5.5 | 321.1 | 324.2 | 0.9 | 79.2 | 29.8 | 70. |
| 28.5 | 78.0 | 7782.0 | 375.0 | -30.3 | -32.8 | 261.4 | 31.5 | 31.2 | 4.7 | 321.4 | 324.4 | 0.3 | 31.9 | 31.3 | 71. |
| 29.8 | 81.3 | 8265.9 | 350.0 | -33.1 | -35.1 | 273.4 | 39.2 | 38.2 | -2.3 | 324.0 | 324.9 | 0.2 | 31.9 | 34.1 | 74. |
| 31.3 | 85.9 | 8787.0 | 325.0 | -37.0 | -38.4 | 283.5 | 34.0 | 36.9 | -8.9 | 323.6 | 326.2 | 0.1 | 29.0 | 39.4 | 75. |
| 32.9 | 90.2 | 9335.0 | 300.0 | -41.5 | -42.9 | 286.0 | 40.3 | 38.2 | -17.6 | 326.9 | 326.9 | 99.9 | 99.9 | 42.0 | 77. |
| 35.7 | 94.8 | 9919.3 | 275.0 | -46.5 | -48.9 | 290.1 | 47.8 | 43.7 | -19.4 | 327.9 | 326.9 | 99.9 | 99.9 | 48.4 | 83. |
| 37.7 | 99.6 | 10544.6 | 250.0 | -52.0 | -54.9 | 290.1 | 60.6 | 56.7 | -20.8 | 328.2 | 326.9 | 99.9 | 99.9 | 54.5 | 86. |
| 39.5 | 104.6 | 11219.1 | 225.0 | -57.3 | -59.9 | 289.5 | 61.7 | 59.2 | -20.6 | 330.7 | 326.9 | 99.9 | 99.9 | 60.4 | 89. |
| 41.8 | 110.2 | 11953.8 | 200.0 | -63.0 | -65.9 | 297.2 | 53.4 | 47.5 | -28.4 | 333.1 | 326.9 | 99.9 | 99.9 | 68.1 | 91. |
| 44.5 | 115.6 | 12767.0 | 175.0 | -63.8 | -65.9 | 287.9 | 41.1 | 38.1 | -12.6 | 344.4 | 326.9 | 99.9 | 99.9 | 75.0 | 94. |
| 47.3 | 122.0 | 13727.8 | 150.0 | -59.8 | -61.9 | 271.8 | 30.9 | 30.9 | -1.0 | 367.0 | 326.9 | 99.9 | 99.9 | 80.3 | 94. |
| 51.0 | 129.3 | 14840.5 | 125.0 | -54.2 | -56.9 | 291.1 | 22.1 | 20.7 | -8.0 | 398.8 | 326.9 | 99.9 | 99.9 | 87.3 | 95. |
| 56.4 | 137.3 | 16309.6 | 100.0 | -54.9 | -56.9 | 292.5 | 13.3 | 12.3 | -5.1 | 421.6 | 326.9 | 99.9 | 99.9 | 92.7 | 96. |
| 63.6 | 145.7 | 18134.9 | 75.0 | -58.4 | -60.9 | 270.1 | 13.9 | 13.9 | -0.0 | 450.5 | 326.9 | 99.9 | 99.9 | 94.7 | 96. |
| 73.0 | 156.0 | 20702.7 | 50.0 | -56.3 | -58.9 | 94.9 | 11.2 | -11.1 | 1.3 | 510.7 | 326.9 | 99.9 | 99.9 | 103.3 | 97. |
| 87.1 | 167.0 | 25166.6 | 25.0 | -50.2 | -52.9 | 99.9 | 99.9 | 99.9 | 99.9 | 640.3 | 326.9 | 99.9 | 99.9 | 99.9 | 99.9. |

° BY SPEC MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 520
PITTSBURGH, PA

26 APRIL 1975
1715 GMT

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MAX RTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|-------------|----------|
| 0.0 | 6.4 | 359.0 | 907.8 | 15.3 | 13.8 | 230.0 | 5.2 | 4.0 | 3.3 | 202.5 | 319.4 | 10.4 | 91.0 | 0.0 | 0. |
| 00.9 | 99.9 | 99.9 | 1000.0 | 95.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 01.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 02.1 | 10.0 | 516.8 | 950.0 | 14.6 | 13.0 | 232.9 | 10.0 | 8.0 | 6.0 | 293.4 | 320.9 | 10.5 | 94.6 | 0.2 | 61. |
| 1.5 | 12.0 | 742.3 | 925.0 | 13.1 | 12.5 | 245.2 | 11.0 | 11.0 | 5.4 | 294.0 | 320.0 | 9.9 | 96.3 | 0.9 | 60. |
| 2.6 | 14.4 | 573.0 | 900.0 | 12.1 | 11.1 | 231.5 | 11.0 | 8.6 | 6.8 | 295.2 | 319.8 | 9.3 | 93.9 | 1.7 | 56. |
| 3.6 | 16.5 | 1209.3 | 875.0 | 11.2 | 10.0 | 241.4 | 11.5 | 10.1 | 5.5 | 296.6 | 320.2 | 8.9 | 92.6 | 2.4 | 57. |
| 4.6 | 18.9 | 1421.3 | 850.0 | 9.8 | 8.7 | 246.4 | 11.4 | 10.4 | 4.6 | 297.5 | 319.9 | 8.3 | 93.0 | 3.0 | 54. |
| 5.4 | 21.1 | 1696.5 | 825.0 | 8.9 | 7.9 | 248.5 | 11.3 | 12.4 | 4.9 | 299.1 | 320.9 | 8.1 | 92.5 | 3.6 | 40. |
| 6.1 | 23.6 | 1954.4 | 800.0 | 7.5 | 6.4 | 247.9 | 14.2 | 13.1 | 5.3 | 300.1 | 320.8 | 7.6 | 92.7 | 4.2 | 61. |
| 6.9 | 25.3 | 2215.9 | 775.0 | 6.3 | 5.3 | 250.0 | 15.3 | 14.4 | 5.2 | 301.6 | 321.6 | 7.3 | 93.5 | 4.9 | 52. |
| 7.6 | 28.4 | 2484.8 | 750.0 | 4.8 | 3.8 | 250.7 | 17.3 | 16.3 | 5.7 | 302.6 | 321.3 | 6.7 | 93.5 | 5.6 | 63. |
| 8.3 | 31.1 | 2760.9 | 725.0 | 2.8 | 1.9 | 249.2 | 17.7 | 16.5 | 6.3 | 303.3 | 320.3 | 6.1 | 93.9 | 6.5 | 64. |
| 9.5 | 33.8 | 3044.4 | 700.0 | 0.6 | -0.1 | 249.0 | 15.8 | 14.7 | 5.6 | 303.9 | 319.2 | 5.4 | 94.8 | 7.5 | 65. |
| 10.6 | 36.2 | 3336.2 | 675.0 | 0.1 | -0.6 | 249.6 | 13.5 | 12.9 | 3.8 | 306.4 | 322.0 | 5.5 | 95.4 | 8.5 | 65. |
| 12.3 | 39.1 | 3638.4 | 650.0 | -1.5 | -2.5 | 249.3 | 14.3 | 13.4 | 5.0 | 307.9 | 322.1 | 4.9 | 92.2 | 9.4 | 67. |
| 13.2 | 41.6 | 3950.4 | 625.0 | -2.5 | -4.5 | 248.8 | 16.3 | 15.2 | 5.9 | 310.1 | 323.2 | 4.5 | 88.0 | 10.9 | 67. |
| 14.6 | 44.6 | 4274.0 | 600.0 | -4.4 | -6.9 | 248.7 | 18.8 | 17.5 | 6.8 | 311.5 | 322.8 | 3.8 | 82.3 | 12.1 | 67. |
| 15.7 | 47.6 | 4608.4 | 575.0 | -6.5 | -9.8 | 248.3 | 18.4 | 17.6 | 5.3 | 312.7 | 322.3 | 3.2 | 77.4 | 13.4 | 67. |
| 16.0 | 50.6 | 4955.0 | 550.0 | -8.3 | -12.3 | 248.8 | 18.4 | 17.8 | 4.8 | 314.5 | 322.8 | 2.7 | 72.8 | 14.7 | 64. |
| 18.2 | 53.4 | 5314.7 | 525.0 | -10.6 | -14.9 | 254.4 | 18.7 | 18.1 | 4.7 | 315.9 | 323.1 | 2.3 | 70.9 | 16.1 | 64. |
| 19.4 | 56.9 | 5688.8 | 500.0 | -12.7 | -17.7 | 254.5 | 18.3 | 17.7 | 4.9 | 317.7 | 323.8 | 1.9 | 65.9 | 17.4 | 64. |
| 20.7 | 60.3 | 6075.7 | 475.0 | -15.3 | -20.0 | 248.7 | 23.2 | 21.6 | 8.4 | 319.2 | 324.5 | 1.4 | 67.1 | 18.5 | 64. |
| 22.0 | 63.7 | 6485.8 | 450.0 | -17.6 | -23.2 | 243.8 | 24.8 | 22.2 | 10.9 | 321.2 | 325.6 | 1.3 | 62.0 | 20.9 | 62. |
| 23.4 | 67.1 | 6911.1 | 425.0 | -20.6 | -26.1 | 250.4 | 25.5 | 24.1 | 6.4 | 322.7 | 326.2 | 1.1 | 61.3 | 23.0 | 64. |
| 24.8 | 70.8 | 7357.1 | 400.0 | -23.7 | -30.2 | 254.5 | 24.4 | 23.5 | 6.5 | 324.2 | 326.8 | 0.8 | 55.1 | 25.0 | 64. |
| 26.1 | 74.7 | 7825.6 | 375.0 | -27.4 | -33.8 | 255.0 | 27.3 | 26.4 | 7.1 | 325.3 | 327.4 | 0.6 | 53.8 | 27.1 | 70. |
| 27.6 | 78.7 | 8318.8 | 350.0 | -31.1 | -38.4 | 259.8 | 26.8 | 26.4 | 4.7 | 326.7 | 328.2 | 0.4 | 48.4 | 29.4 | 70. |
| 29.1 | 82.8 | 8839.3 | 325.0 | -35.6 | -42.9 | 266.2 | 27.1 | 27.0 | 1.8 | 327.6 | 328.6 | 0.3 | 46.3 | 31.9 | 71. |
| 30.7 | 87.9 | 9390.7 | 300.0 | -40.3 | -49.9 | 260.4 | 30.3 | 29.9 | 5.1 | 328.6 | 329.9 | 99.9 | 99.9 | 34.5 | 74. |
| 32.5 | 91.9 | 9977.6 | 275.0 | -45.5 | -54.5 | 260.4 | 28.4 | 28.0 | 4.7 | 329.3 | 329.9 | 99.9 | 99.9 | 37.8 | 73. |
| 34.4 | 96.6 | 10605.1 | 250.0 | -51.2 | -59.9 | 261.2 | 31.6 | 33.2 | 5.2 | 330.0 | 329.9 | 99.9 | 99.9 | 41.3 | 74. |
| 36.5 | 101.4 | 11280.7 | 225.0 | -57.1 | -65.1 | 258.8 | 36.3 | 35.6 | 7.0 | 331.1 | 329.9 | 99.9 | 99.9 | 45.7 | 74. |
| 38.9 | 107.4 | 12014.2 | 200.0 | -64.1 | -72.9 | 256.4 | 43.8 | 42.6 | 10.3 | 331.3 | 329.9 | 99.9 | 99.9 | 50.8 | 74. |
| 41.2 | 113.8 | 12820.7 | 175.0 | -67.7 | -79.9 | 279.3 | 35.5 | 35.1 | -5.7 | 336.2 | 329.9 | 99.9 | 99.9 | 56.3 | 75. |
| 44.2 | 120.7 | 13762.2 | 150.0 | -63.6 | -79.9 | 280.2 | 23.9 | 23.5 | -4.2 | 342.3 | 329.9 | 99.9 | 99.9 | 60.8 | 74. |
| 48.1 | 128.3 | 14902.0 | 125.0 | -58.5 | -79.9 | 272.9 | 28.6 | 28.5 | -1.5 | 349.0 | 329.9 | 99.9 | 99.9 | 66.4 | 74. |
| 53.0 | 136.7 | 16315.0 | 100.0 | -55.5 | -79.9 | 274.4 | 19.5 | 19.5 | -1.5 | 420.5 | 329.9 | 99.9 | 99.9 | 74.1 | 81. |
| 59.1 | 145.7 | 18116.7 | 75.0 | -62.5 | -9.9 | 297.0 | 5.5 | 4.9 | -2.5 | 441.6 | 329.9 | 99.9 | 99.9 | 77.7 | 82. |
| 67.2 | 156.0 | 20633.8 | 50.0 | -57.1 | 99.9 | 304.8 | 3.3 | -1.7 | -2.8 | 509.0 | 329.9 | 99.9 | 99.9 | 79.4 | 83. |
| 79.0 | 167.0 | 25045.2 | 25.0 | -53.8 | 99.9 | 50.7 | 4.0 | -3.1 | -2.5 | 630.0 | 329.9 | 99.9 | 99.9 | 79.3 | 83. |

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 524
BUFFALO, N Y

24 APRIL 1975
1715 GMT

160 19. 0

| TIME MIN | CATCY | WEIGHT GEN | PRES MB | TEMP CG C | DEW PT CG C | DIR DG | SPEED M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MR PTO CM/KC | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.9 | 218.0 | 982.7 | 11.7 | 11.7 | 260.0 | 5.7 | 5.6 | 267.4 | 310.1 | 8.8 | 100.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 6.4 | 294.2 | 975.0 | 12.0 | 11.3 | 278.2 | 5.8 | 5.7 | 288.4 | 310.7 | 8.7 | 95.5 | 0.1 | 97. |
| 0.4 | 8.4 | 502.2 | 950.0 | 11.4 | 11.0 | 275.6 | 6.5 | 6.4 | 289.9 | 312.5 | 8.7 | 96.9 | 0.2 | 98. |
| 1.5 | 10.3 | 725.3 | 925.0 | 10.4 | 10.0 | 255.8 | 9.3 | 9.2 | 241.1 | 313.0 | 8.4 | 97.4 | 0.5 | 93. |
| 2.3 | 12.3 | 953.5 | 900.0 | 9.6 | 9.3 | 255.0 | 12.1 | 11.7 | 242.5 | 314.0 | 8.2 | 97.7 | 1.1 | 93. |
| 2.9 | 14.4 | 1187.7 | 875.0 | 8.8 | 8.5 | 260.1 | 10.7 | 10.5 | 295.3 | 315.2 | 8.0 | 97.6 | 1.5 | 87. |
| 3.7 | 16.3 | 1427.8 | 850.0 | 7.7 | 7.3 | 262.0 | 9.6 | 9.6 | 295.3 | 315.6 | 7.6 | 97.2 | 2.0 | 81. |
| 4.5 | 18.5 | 1674.0 | 825.0 | 6.4 | 5.8 | 265.4 | 10.7 | 10.6 | 296.3 | 315.4 | 7.1 | 95.8 | 2.4 | 82. |
| 5.2 | 20.6 | 1926.6 | 800.0 | 5.4 | 3.7 | 268.6 | 10.6 | 10.6 | 297.7 | 315.4 | 6.3 | 88.8 | 2.9 | 83. |
| 6.0 | 22.8 | 2185.8 | 775.0 | 4.0 | 2.4 | 267.1 | 10.9 | 10.9 | 298.9 | 315.1 | 5.9 | 88.9 | 3.4 | 84. |
| 6.8 | 25.2 | 2452.1 | 750.0 | 2.3 | -0.4 | 268.7 | 11.2 | 11.2 | 295.8 | 313.6 | 5.0 | 82.0 | 3.9 | 84. |
| 7.6 | 27.3 | 2726.0 | 725.0 | 1.4 | -2.1 | 269.5 | 12.0 | 12.0 | 301.6 | 314.5 | 4.5 | 77.1 | 4.5 | 85. |
| 8.5 | 29.7 | 3008.1 | 700.0 | 0.2 | -4.7 | 267.7 | 12.6 | 12.6 | 303.2 | 314.3 | 3.9 | 69.5 | 5.2 | 85. |
| 9.5 | 32.3 | 3259.2 | 675.0 | -1.6 | -8.4 | 272.4 | 13.9 | 13.9 | 308.3 | 314.6 | 3.5 | 69.5 | 5.9 | 84. |
| 10.3 | 34.8 | 3509.7 | 650.0 | -2.9 | -10.5 | 275.3 | 14.5 | 14.5 | 307.1 | 312.7 | 2.7 | 60.4 | 6.7 | 84. |
| 11.2 | 37.1 | 3902.0 | 625.0 | -4.6 | -12.9 | 278.0 | 15.1 | 15.0 | 308.6 | 308.8 | 0.0 | 1.0 | 7.4 | 89. |
| 12.3 | 39.9 | 4224.0 | 600.0 | -6.5 | -15.4 | 275.2 | 16.1 | 16.0 | 308.6 | 309.9 | 0.0 | 1.0 | 8.4 | 89. |
| 13.3 | 42.4 | 4559.3 | 575.0 | -8.7 | -18.2 | 275.2 | 16.9 | 16.8 | 310.4 | 310.5 | 0.0 | 1.0 | 9.3 | 90. |
| 14.4 | 45.2 | 4901.8 | 550.0 | -11.5 | -21.2 | 270.3 | 18.7 | 18.7 | 312.6 | 312.6 | 0.0 | 1.1 | 11.4 | 90. |
| 15.4 | 48.2 | 5257.1 | 525.0 | -13.2 | -24.7 | 269.6 | 20.6 | 20.6 | 315.2 | 315.3 | 0.0 | 1.2 | 12.7 | 90. |
| 16.6 | 51.0 | 5627.9 | 500.0 | -14.6 | -27.5 | 268.9 | 22.8 | 22.8 | 316.5 | 316.5 | 0.0 | 1.5 | 14.5 | 90. |
| 17.7 | 54.1 | 6014.4 | 475.0 | -17.4 | -31.7 | 268.5 | 24.1 | 24.1 | 318.2 | 318.3 | 0.0 | 1.8 | 16.1 | 90. |
| 18.9 | 57.3 | 6417.3 | 450.0 | -19.9 | -34.1 | 267.5 | 24.8 | 24.8 | 320.3 | 320.4 | 0.0 | 2.1 | 18.2 | 90. |
| 20.3 | 60.4 | 6839.6 | 425.0 | -22.3 | -36.8 | 263.9 | 25.7 | 25.7 | 321.4 | 321.5 | 0.0 | 2.4 | 20.1 | 90. |
| 21.7 | 64.0 | 7281.9 | 400.0 | -25.8 | -39.8 | 263.7 | 27.6 | 27.6 | 323.0 | 323.1 | 0.0 | 2.8 | 22.1 | 92. |
| 23.1 | 67.4 | 7746.5 | 375.0 | -29.1 | -43.1 | 271.1 | 33.3 | 33.3 | 327.0 | 327.0 | 0.2 | 39.9 | 28.2 | 93. |
| 24.6 | 71.3 | 8235.4 | 350.0 | -32.6 | -45.4 | 275.9 | 36.1 | 35.9 | 328.3 | 328.3 | 0.9 | 99.9 | 32.3 | 93. |
| 26.1 | 75.2 | 8753.8 | 325.0 | -36.8 | -48.5 | 268.5 | 40.0 | 40.0 | 328.3 | 328.3 | 0.9 | 99.9 | 36.4 | 92. |
| 27.9 | 79.3 | 9302.7 | 300.0 | -41.4 | -51.9 | 268.5 | 43.3 | 43.3 | 328.3 | 328.3 | 0.9 | 99.9 | 40.3 | 91. |
| 29.5 | 83.6 | 9874.5 | 275.0 | -46.2 | -55.9 | 268.5 | 45.9 | 45.9 | 328.3 | 328.3 | 0.9 | 99.9 | 44.3 | 91. |
| 31.5 | 88.2 | 10512.7 | 250.0 | -52.0 | -60.3 | 268.5 | 53.0 | 52.5 | 330.7 | 330.7 | 0.9 | 99.9 | 48.3 | 91. |
| 33.6 | 93.5 | 11197.4 | 225.0 | -57.3 | -64.6 | 267.9 | 53.1 | 53.1 | 333.6 | 333.6 | 0.9 | 99.9 | 52.9 | 90. |
| 35.6 | 98.3 | 11922.0 | 200.0 | -62.6 | -68.6 | 268.0 | 40.5 | 39.9 | 340.1 | 340.1 | 0.9 | 99.9 | 56.9 | 90. |
| 38.1 | 105.0 | 12736.4 | 175.0 | -66.6 | -72.9 | 268.0 | 38.1 | 37.9 | 346.3 | 346.3 | 0.9 | 99.9 | 61.7 | 91. |
| 40.9 | 111.7 | 13683.4 | 150.0 | -60.3 | -66.3 | 268.1 | 34.1 | 34.1 | 352.7 | 352.7 | 0.9 | 99.9 | 67.1 | 91. |
| 44.2 | 119.3 | 14627.7 | 125.0 | -56.5 | -62.6 | 271.7 | 27.9 | 27.9 | 358.3 | 358.3 | 0.9 | 99.9 | 73.5 | 91. |
| 48.3 | 128.3 | 15656.2 | 100.0 | -54.2 | -59.9 | 269.9 | 30.0 | 28.2 | 423.0 | 423.0 | 0.9 | 99.9 | 80.4 | 92. |
| 53.1 | 138.5 | 16887.6 | 75.0 | -57.6 | -57.6 | 243.1 | 2.9 | 2.5 | 452.2 | 452.2 | 0.9 | 99.9 | 86.5 | 93. |
| 59.4 | 149.3 | 20645.4 | 50.0 | -57.1 | -57.1 | 346.3 | 4.3 | 0.8 | 509.0 | 509.0 | 0.9 | 99.9 | 99.8 | 94. |
| 68.6 | 161.0 | 25097.1 | 25.0 | -51.7 | -51.7 | 60.7 | 5.1 | -4.7 | 636.1 | 636.1 | 0.9 | 99.9 | 99.9 | 94. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGL
OF POOR QUALITY

STATION NO. 532
PEORIA, ILL26 APRIL 1975
1716 GMT

105 10. 0

| TIME MIN | CNTCT | HEIGHT GPH | PRES MB | TEMP DG C | DEW PT CG C | DIR DG | SPED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTO CM/KG | RM PCY | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|---------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.6 | 200.0 | 947.2 | 17.2 | 15.0 | 320.0 | 4.6 | 3.0 | -3.5 | 292.9 | 321.3 | 11.0 | 87.0 | 0.0 | 0. |
| 0.5 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.0 | 6.5 | 306.6 | 975.0 | 16.9 | 15.4 | 308.2 | 2.7 | 2.1 | -1.7 | 253.7 | 323.4 | 11.4 | 90.9 | 0.1 | 131. |
| 1.2 | 6.6 | 527.0 | 950.0 | 14.7 | 15.1 | 312.0 | 4.8 | 3.5 | -3.2 | 293.5 | 321.5 | 10.8 | 96.6 | 0.3 | 130. |
| 2.1 | 10.6 | 752.7 | 925.0 | 13.3 | 12.6 | 310.4 | 5.4 | 4.1 | -3.5 | 294.3 | 320.8 | 10.1 | 96.4 | 0.6 | 133. |
| 3.0 | 12.7 | 984.4 | 900.0 | 12.2 | 11.7 | 310.1 | 5.2 | 4.0 | -3.4 | 295.4 | 320.9 | 9.6 | 96.3 | 0.9 | 131. |
| 4.0 | 16.9 | 1220.5 | 875.0 | 10.6 | 9.6 | 305.9 | 5.2 | 4.2 | -3.1 | 296.1 | 319.5 | 8.6 | 93.7 | 1.1 | 131. |
| 4.6 | 16.9 | 1462.3 | 850.0 | 9.3 | 8.9 | 315.7 | 6.7 | 4.7 | -3.0 | 297.0 | 319.8 | 8.5 | 97.3 | 1.5 | 131. |
| 5.0 | 16.3 | 1710.0 | 825.0 | 7.8 | 7.0 | 305.7 | 6.2 | 6.6 | -3.0 | 297.0 | 318.5 | 7.7 | 94.5 | 1.9 | 131. |
| 6.0 | 21.4 | 1962.7 | 800.0 | 6.9 | 2.3 | 300.5 | 9.1 | 7.4 | -3.0 | 298.2 | 318.9 | 5.7 | 72.9 | 2.4 | 124. |
| 7.0 | 23.8 | 2224.5 | 775.0 | 6.0 | -1.7 | 299.8 | 8.0 | 6.9 | -3.0 | 300.8 | 313.2 | 4.4 | 57.7 | 3.0 | 125. |
| 9.0 | 26.1 | 2492.8 | 750.0 | 5.1 | -11.0 | 295.6 | 7.3 | 6.6 | -3.2 | 302.4 | 308.4 | 3.0 | 27.7 | 3.5 | 127. |
| 10.2 | 28.7 | 2768.4 | 725.0 | 2.8 | -7.0 | 285.0 | 7.2 | 7.0 | -3.0 | 302.9 | 311.6 | 2.0 | 46.9 | 4.0 | 125. |
| 11.3 | 31.3 | 3051.8 | 700.0 | 1.5 | -8.6 | 271.8 | 6.8 | 6.8 | -0.2 | 304.5 | 313.8 | 2.9 | 47.5 | 4.4 | 121. |
| 12.4 | 33.9 | 3163.5 | 675.0 | -0.5 | -22.0 | 260.7 | 5.0 | 4.9 | -0.9 | 305.2 | 308.2 | 1.0 | 17.7 | 4.8 | 114. |
| 13.4 | 36.4 | 3643.8 | 650.0 | -2.8 | -17.0 | 262.5 | 4.3 | 4.1 | -1.4 | 305.9 | 310.7 | 1.5 | 32.5 | 5.3 | 114. |
| 14.8 | 39.3 | 3953.2 | 625.0 | -5.3 | -19.7 | 271.7 | 5.4 | 5.4 | -0.2 | 306.5 | 310.5 | 1.3 | 31.1 | 5.6 | 117. |
| 16.0 | 41.9 | 4272.3 | 600.0 | -7.4 | -27.0 | 265.3 | 4.8 | 4.8 | 0.4 | 307.6 | 309.9 | 0.7 | 19.5 | 5.7 | 115. |
| 17.3 | 44.8 | 4602.5 | 575.0 | -9.3 | -34.0 | 263.9 | 4.9 | 4.9 | 0.5 | 309.1 | 310.4 | 0.4 | 12.0 | 6.0 | 114. |
| 18.6 | 46.0 | 4944.4 | 550.0 | -11.0 | -21.0 | 258.7 | 7.7 | 7.4 | 2.0 | 310.2 | 314.3 | 1.3 | 46.3 | 6.4 | 111. |
| 19.9 | 50.9 | 5200.8 | 525.0 | -11.9 | -20.3 | 270.5 | 12.2 | 12.2 | -0.1 | 310.3 | 318.9 | 1.4 | 49.5 | 7.1 | 104. |
| 21.4 | 54.3 | 5673.7 | 500.0 | -13.5 | -28.8 | 279.7 | 15.9 | 15.7 | -2.7 | 316.7 | 319.0 | 0.7 | 26.1 | 8.3 | 106. |
| 22.9 | 57.4 | 6061.9 | 475.0 | -16.2 | -60.2 | 280.6 | 17.6 | 17.5 | -3.3 | 317.9 | 318.0 | 0.0 | 1.0 | 9.2 | 102. |
| 24.4 | 61.0 | 6466.0 | 450.0 | -19.3 | -68.2 | 281.2 | 19.6 | 19.2 | -3.0 | 318.9 | 319.0 | 0.0 | 1.0 | 11.5 | 105. |
| 26.0 | 64.7 | 6888.5 | 425.0 | -22.2 | -64.1 | 274.1 | 23.4 | 23.3 | -1.7 | 320.4 | 320.5 | 0.0 | 1.0 | 13.5 | 104. |
| 27.6 | 68.3 | 7330.9 | 400.0 | -26.2 | -66.7 | 272.3 | 24.5 | 24.5 | -1.0 | 320.9 | 320.9 | 0.0 | 1.0 | 15.9 | 102. |
| 29.5 | 72.2 | 7793.9 | 375.0 | -30.1 | -68.2 | 267.4 | 24.8 | 24.8 | 1.1 | 321.7 | 321.7 | 0.0 | 1.0 | 18.7 | 101. |
| 31.4 | 76.3 | 8281.4 | 350.0 | -33.9 | -71.7 | 263.4 | 27.7 | 27.6 | 3.2 | 323.0 | 324.3 | 0.0 | 1.0 | 21.6 | 94. |
| 33.5 | 80.7 | 8796.1 | 325.0 | -38.0 | -59.5 | 254.8 | 26.5 | 26.1 | 4.7 | 324.2 | 324.3 | 0.0 | 8.6 | 24.8 | 90. |
| 35.4 | 85.3 | 9341.9 | 300.0 | -42.6 | 99.9 | 253.8 | 29.7 | 28.5 | 8.3 | 325.3 | 325.3 | 99.9 | 99.9 | 27.9 | 94. |
| 37.2 | 90.2 | 9922.5 | 275.0 | -46.1 | 99.9 | 248.6 | 34.9 | 31.5 | 15.0 | 325.5 | 325.5 | 99.9 | 99.9 | 30.9 | 91. |
| 39.6 | 95.4 | 10545.2 | 250.0 | -52.2 | 99.9 | 243.9 | 35.6 | 28.5 | 20.0 | 328.4 | 328.4 | 99.9 | 99.9 | 35.4 | 86. |
| 42.0 | 101.3 | 11219.5 | 225.0 | -57.2 | 99.9 | 243.6 | 37.7 | 33.8 | 16.0 | 330.9 | 329.9 | 99.9 | 99.9 | 39.7 | 83. |
| 44.6 | 107.0 | 11960.4 | 200.0 | -60.3 | 99.9 | 253.3 | 39.6 | 37.0 | 11.1 | 337.4 | 329.9 | 99.9 | 99.9 | 45.3 | 81. |
| 47.6 | 113.5 | 12795.2 | 175.0 | -59.7 | 99.9 | 258.5 | 32.4 | 31.9 | 5.9 | 351.4 | 329.9 | 99.9 | 99.9 | 51.3 | 81. |
| 51.0 | 129.7 | 13764.6 | 150.0 | -57.3 | 99.9 | 260.9 | 27.2 | 28.0 | 4.3 | 371.3 | 329.9 | 99.9 | 99.9 | 58.1 | 80. |
| 55.0 | 128.7 | 14914.0 | 125.0 | -56.0 | 99.9 | 250.3 | 21.9 | 20.6 | 7.4 | 393.6 | 329.9 | 99.9 | 99.9 | 63.7 | 80. |
| 59.9 | 137.9 | 16335.9 | 100.0 | -57.3 | 99.9 | 264.6 | 17.6 | 17.5 | 1.7 | 417.0 | 329.9 | 99.9 | 99.9 | 70.8 | 80. |
| 65.6 | 145.3 | 18138.7 | 75.0 | -62.7 | 99.9 | 258.7 | 16.3 | 16.0 | 3.2 | 441.5 | 329.9 | 99.9 | 99.9 | 77.3 | 79. |
| 74.1 | 154.7 | 20692.9 | 50.0 | -56.2 | 99.9 | 268.6 | 5.7 | 5.7 | 0.5 | 511.1 | 329.9 | 99.9 | 99.9 | 80.7 | 80. |
| 87.7 | 164.7 | 25167.9 | 25.0 | -60.8 | 99.9 | 98.3 | 3.6 | -3.4 | 0.5 | 644.8 | 329.9 | 99.9 | 99.9 | 80.6 | 90. |

ORIGINAL PAGE IS
OF POOR QUALITY0 PV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
OMAHA, MO24 APRIL 1975
1715 GMT

156 22. 0

| TIME MIN | CATCY | HEIGHT GEN | PRES MB | TEMP DG C | DEW PT DG C | QIR DG | SPEED M/SEC | U COMP M/SEC | V CME M/SEC | POT T DG K | E POT T DG K | MR RTO CM/RC | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.2 | 400.0 | 965.2 | 13.4 | 11.8 | 40.0 | 3.6 | -2.3 | -2.9 | 290.7 | 314.2 | 9.1 | 90.0 | 0.1 | 0. |
| 0.9 | 95.9 | 90.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 8.3 | 538.2 | 950.0 | 13.4 | 12.4 | 7.2 | 2.6 | -0.3 | -2.6 | 292.0 | 317.0 | 9.6 | 94.0 | 0.2 | 23.4 |
| 1.3 | 10.5 | 759.8 | 925.0 | 12.1 | 11.5 | 40.0 | 1.2 | -0.9 | -0.9 | 293.0 | 317.2 | 9.3 | 95.7 | 0.3 | 22.7 |
| 2.0 | 12.6 | 980.0 | 905.0 | 12.1 | 11.5 | 280.4 | 1.8 | 1.8 | -0.3 | 293.3 | 320.4 | 9.5 | 95.8 | 0.3 | 24.4 |
| 2.9 | 14.9 | 1225.2 | 875.0 | 11.2 | 9.3 | 267.4 | 3.8 | 3.8 | 0.1 | 290.5 | 318.8 | 8.3 | 86.6 | 0.2 | 1.4 |
| 3.8 | 16.9 | 1467.0 | 850.0 | 10.0 | 5.3 | 235.3 | 5.5 | 4.5 | 3.1 | 297.5 | 315.1 | 6.5 | 71.0 | 0.3 | 1.4 |
| 4.6 | 19.1 | 1714.7 | 825.0 | 9.5 | -5.1 | 214.3 | 3.5 | 2.0 | 2.9 | 298.1 | 308.2 | 3.2 | 35.1 | 0.4 | 7.0 |
| 5.5 | 21.3 | 1971.1 | 800.0 | 10.1 | -8.9 | 156.3 | 0.5 | -0.2 | 0.5 | 302.4 | 313.5 | 3.9 | 35.8 | 0.4 | 7.0 |
| 6.4 | 23.6 | 2236.3 | 775.0 | 8.4 | -8.2 | 133.5 | 1.5 | -1.1 | 1.0 | 303.4 | 313.9 | 3.6 | 40.7 | 0.4 | 7.0 |
| 7.4 | 25.9 | 2504.5 | 750.0 | 7.1 | -8.4 | 140.2 | 4.0 | -2.5 | 3.0 | 304.6 | 312.6 | 2.7 | 32.3 | 0.4 | 1.1 |
| 8.5 | 28.4 | 2782.2 | 725.0 | 4.7 | -8.9 | 142.8 | 3.7 | -2.3 | 3.0 | 305.1 | 315.0 | 3.4 | 45.8 | 0.5 | 7.0 |
| 9.7 | 30.9 | 3067.1 | 700.0 | 2.3 | -8.4 | 160.9 | 2.7 | 0.0 | 2.7 | 305.4 | 315.3 | 3.4 | 52.5 | 0.7 | 35.0 |
| 10.4 | 33.5 | 3350.8 | 675.0 | -0.3 | -7.9 | 229.1 | 3.0 | 2.3 | 2.0 | 305.7 | 315.0 | 3.2 | 56.9 | 0.3 | 1.1 |
| 11.6 | 35.9 | 3650.8 | 650.0 | -2.4 | -8.2 | 243.0 | 3.4 | 3.1 | 1.6 | 306.6 | 316.0 | 3.2 | 64.6 | 1.0 | 1.4 |
| 13.1 | 38.6 | 3970.9 | 625.0 | -4.8 | -10.7 | 235.2 | 4.7 | 3.9 | 2.7 | 307.2 | 315.2 | 2.7 | 62.5 | 1.2 | 2.4 |
| 14.2 | 41.0 | 4230.8 | 600.0 | -7.1 | -11.7 | 232.1 | 6.2 | 4.9 | 3.8 | 308.2 | 316.0 | 2.6 | 69.7 | 1.6 | 7.0 |
| 15.4 | 43.9 | 4621.2 | 575.0 | -9.4 | -13.1 | 245.3 | 8.4 | 7.7 | 3.6 | 309.2 | 315.6 | 2.1 | 63.1 | 2.0 | 7.0 |
| 16.6 | 46.9 | 4944.1 | 550.0 | -11.3 | -22.7 | 256.3 | 9.4 | 9.1 | 2.2 | 310.7 | 314.3 | 1.1 | 38.4 | 2.1 | 4.0 |
| 17.3 | 49.9 | 5319.0 | 525.0 | -14.3 | -26.4 | 263.9 | 10.7 | 10.6 | 1.1 | 311.3 | 314.0 | 0.7 | 35.0 | 3.2 | 5.1 |
| 18.2 | 52.6 | 5645.9 | 500.0 | -17.2 | -28.0 | 271.8 | 14.7 | 14.7 | -0.5 | 312.1 | 314.6 | 0.8 | 38.3 | 4.1 | 5.1 |
| 20.5 | 55.7 | 6069.2 | 475.0 | -20.2 | -33.4 | 275.1 | 14.3 | 14.3 | -1.3 | 313.0 | 314.6 | 0.5 | 29.7 | 5.7 | 7.0 |
| 23.5 | 58.9 | 6467.6 | 450.0 | -22.5 | -45.9 | 268.5 | 15.0 | 15.0 | 0.9 | 314.9 | 315.4 | 0.5 | 5.9 | 6.3 | 7.0 |
| 25.2 | 61.8 | 6944.8 | 425.0 | -25.6 | -44.4 | 264.8 | 16.5 | 16.5 | 1.5 | 316.2 | 316.8 | 0.2 | 15.2 | 7.9 | 7.0 |
| 26.7 | 64.3 | 7321.2 | 400.0 | -29.3 | -37.2 | 264.3 | 14.2 | 14.1 | 1.8 | 316.9 | 316.2 | 0.4 | 46.0 | 9.5 | 7.0 |
| 28.4 | 67.0 | 7778.3 | 375.0 | -33.1 | -39.8 | 264.5 | 19.2 | 19.1 | 1.9 | 317.8 | 319.0 | 0.3 | 56.0 | 11.2 | 7.0 |
| 29.4 | 72.0 | 8260.0 | 350.0 | -34.6 | -42.8 | 259.7 | 21.3 | 21.0 | 3.9 | 319.3 | 320.2 | 0.2 | 52.4 | 13.4 | 7.0 |
| 30.1 | 77.0 | 8769.2 | 325.0 | -40.2 | -59.9 | 249.2 | 21.6 | 20.2 | 7.7 | 321.2 | 999.9 | 99.9 | 999.9 | 15.6 | 7.0 |
| 32.2 | 81.0 | 9309.7 | 300.0 | -44.5 | 58.3 | 251.6 | 24.1 | 23.3 | 6.0 | 322.6 | 999.9 | 99.9 | 999.9 | 18.7 | 7.0 |
| 34.1 | 85.3 | 9837.1 | 275.0 | -48.8 | 99.9 | 254.3 | 24.4 | 24.2 | 7.4 | 324.6 | 999.9 | 99.9 | 999.9 | 21.0 | 7.0 |
| 36.3 | 89.8 | 10507.6 | 250.0 | -53.3 | 99.9 | 254.4 | 34.2 | 33.0 | 6.9 | 326.9 | 999.9 | 99.9 | 999.9 | 24.7 | 7.0 |
| 38.7 | 95.3 | 11144.1 | 225.0 | -54.6 | 99.9 | 251.2 | 29.3 | 27.8 | 7.4 | 334.9 | 999.9 | 99.9 | 999.9 | 29.2 | 7.0 |
| 41.1 | 120.2 | 11932.6 | 200.0 | -57.2 | 99.9 | 262.7 | 35.1 | 34.8 | 4.4 | 342.2 | 999.9 | 99.9 | 999.9 | 34.3 | 7.0 |
| 44.2 | 106.3 | 12777.3 | 175.0 | -55.2 | 99.9 | 257.7 | 36.2 | 35.3 | 7.7 | 350.8 | 999.9 | 99.9 | 999.9 | 40.7 | 7.0 |
| 47.4 | 112.7 | 13762.9 | 150.0 | -56.4 | 99.9 | 245.7 | 35.6 | 34.4 | 14.6 | 372.2 | 999.9 | 99.9 | 999.9 | 46.5 | 7.0 |
| 51.1 | 120.0 | 14920.6 | 125.0 | -56.1 | 99.9 | 247.1 | 29.8 | 27.5 | 11.6 | 393.4 | 999.9 | 99.9 | 999.9 | 53.6 | 7.0 |
| 55.6 | 128.5 | 16361.4 | 100.0 | -52.1 | 99.9 | 259.6 | 18.1 | 17.8 | 3.3 | 425.9 | 999.9 | 99.9 | 999.9 | 61.3 | 7.0 |
| 61.2 | 138.3 | 19204.8 | 75.0 | -58.0 | 99.9 | 237.9 | 20.0 | 18.9 | 10.6 | 451.4 | 999.9 | 99.9 | 999.9 | 67.4 | 7.0 |
| 64.9 | 146.7 | 22731.3 | 50.0 | -53.1 | 99.9 | 237.9 | 3.9 | 2.2 | 3.3 | 510.4 | 999.9 | 99.9 | 999.9 | 72.5 | 7.0 |
| 81.7 | 160.5 | 25206.9 | 25.0 | -47.4 | 99.9 | 780.9 | 8.2 | -0.0 | -1.6 | 648.6 | 999.9 | 99.9 | 999.9 | 71.0 | 7.0 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 1 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE 1
 OF POOR QUALITY

STATION NO. 562
NORTH PLATTE, NEB

24 APRIL 1975
1715 GMT

| TIME MIN | CNTCT | WEIGHT GFW | PRES MB | TEMP DG C | CEW PT DG C | T DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MK RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|---------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 14.8 | 247.0 | 915.7 | 18.3 | -0.0 | 321.0 | 5.1 | 3.3 | -3.9 | 259.4 | 311.2 | 4.2 | 29.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 16.0 | 994.3 | 900.0 | 16.5 | -4.1 | 327.9 | 3.9 | 2.1 | -3.3 | 258.9 | 307.9 | 3.1 | 24.0 | 0.2 | 11.4 |
| 1.4 | 18.6 | 1232.9 | 875.0 | 14.3 | -4.5 | 319.2 | 4.8 | 3.1 | -3.6 | 299.0 | 308.0 | 3.1 | 27.0 | 0.4 | 14.0 |
| 2.3 | 21.1 | 1476.1 | 850.0 | 11.5 | -4.9 | 330.2 | 6.2 | 3.1 | -5.4 | 298.6 | 307.5 | 3.1 | 31.3 | 0.7 | 14.1 |
| 3.2 | 23.8 | 1724.6 | 825.0 | 9.4 | -4.5 | 331.0 | 5.4 | 2.5 | -4.8 | 299.0 | 308.5 | 3.3 | 37.1 | 1.0 | 14.5 |
| 4.1 | 26.2 | 1972.7 | 800.0 | 7.0 | -4.8 | 308.2 | 4.8 | 3.8 | -3.0 | 299.0 | 308.6 | 3.4 | 42.9 | 1.3 | 14.5 |
| 5.0 | 29.1 | 2239.4 | 775.0 | 6.8 | -15.5 | 259.0 | 5.6 | 5.5 | 1.1 | 301.3 | 305.8 | 1.5 | 16.6 | 1.5 | 13.7 |
| 5.9 | 31.9 | 2507.4 | 750.0 | 4.3 | -16.0 | 276.4 | 8.0 | 7.9 | -0.9 | 301.5 | 305.9 | 1.5 | 20.9 | 1.7 | 12.9 |
| 6.7 | 34.9 | 2782.2 | 725.0 | 2.5 | -19.2 | 283.2 | 11.9 | 11.6 | -2.7 | 302.3 | 305.9 | 1.2 | 18.3 | 2.2 | 12.3 |
| 7.5 | 37.5 | 3064.7 | 700.0 | 0.4 | -13.5 | 280.0 | 14.6 | 14.4 | -2.6 | 303.2 | 309.0 | 1.9 | 38.6 | 2.8 | 11.9 |
| 8.4 | 40.4 | 3353.5 | 675.0 | -1.6 | -11.4 | 266.4 | 12.3 | 12.2 | 0.8 | 304.3 | 311.2 | 2.4 | 47.1 | 3.6 | 11.4 |
| 9.4 | 43.4 | 3654.6 | 650.0 | -4.4 | -12.4 | 266.4 | 14.4 | 14.4 | 0.8 | 304.3 | 311.1 | 2.3 | 53.5 | 4.3 | 10.9 |
| 10.3 | 46.4 | 3962.1 | 625.0 | -6.6 | -13.3 | 265.2 | 11.9 | 11.8 | 1.0 | 305.1 | 311.7 | 2.2 | 59.0 | 4.9 | 10.6 |
| 11.4 | 49.6 | 4280.1 | 600.0 | -8.8 | -16.3 | 260.3 | 13.3 | 13.3 | 1.0 | 306.1 | 311.6 | 1.8 | 54.6 | 5.7 | 10.3 |
| 12.5 | 52.6 | 4608.6 | 575.0 | -10.7 | -25.6 | 260.3 | 14.6 | 14.4 | 2.5 | 307.5 | 310.2 | 0.8 | 28.9 | 6.5 | 10.1 |
| 13.5 | 55.7 | 4949.0 | 550.0 | -13.0 | -41.6 | 264.4 | 15.0 | 15.0 | 1.5 | 308.6 | 309.4 | 0.2 | 8.5 | 7.4 | 9.8 |
| 14.7 | 59.0 | 5331.5 | 525.0 | -15.7 | -47.3 | 270.1 | 15.0 | 15.0 | -0.0 | 309.5 | 309.9 | 0.1 | 4.6 | 8.5 | 9.7 |
| 15.8 | 62.5 | 5667.8 | 500.0 | -18.3 | -48.6 | 278.1 | 16.0 | 15.8 | -2.1 | 310.6 | 311.0 | 0.1 | 4.9 | 9.5 | 9.6 |
| 17.0 | 65.9 | 6044.3 | 475.0 | -21.2 | -50.2 | 284.1 | 17.2 | 16.7 | -4.2 | 311.6 | 311.9 | 0.1 | 5.3 | 10.7 | 9.7 |
| 18.0 | 69.5 | 6444.4 | 450.0 | -24.9 | -52.3 | 278.6 | 16.2 | 16.0 | -2.4 | 311.9 | 312.2 | 0.1 | 5.8 | 11.8 | 9.6 |
| 19.3 | 73.0 | 6857.1 | 425.0 | -28.1 | -54.2 | 266.5 | 16.6 | 16.5 | 1.0 | 313.0 | 313.2 | 0.1 | 6.2 | 13.0 | 9.7 |
| 20.7 | 77.0 | 7285.5 | 400.0 | -31.2 | -56.1 | 252.0 | 16.8 | 16.0 | 5.2 | 314.3 | 314.5 | 0.0 | 6.5 | 14.3 | 9.5 |
| 22.0 | 80.9 | 7747.9 | 375.0 | -34.7 | -58.3 | 231.9 | 19.4 | 18.5 | 6.0 | 315.5 | 315.7 | 0.0 | 7.0 | 15.6 | 9.4 |
| 23.5 | 85.0 | 8221.3 | 350.0 | -39.0 | -56.6 | 248.9 | 20.1 | 18.7 | 7.2 | 316.1 | 316.3 | 0.0 | 13.3 | 17.3 | 9.1 |
| 24.1 | 89.2 | 8725.4 | 325.0 | -43.0 | -59.9 | 248.9 | 21.2 | 21.4 | 9.1 | 317.5 | 317.5 | 99.9 | 99.9 | 19.2 | 8.9 |
| 26.8 | 92.9 | 9259.6 | 300.0 | -47.6 | -59.9 | 243.9 | 22.0 | 19.7 | 9.7 | 318.3 | 318.3 | 99.9 | 99.9 | 21.3 | 8.6 |
| 28.5 | 96.3 | 9828.4 | 275.0 | -52.3 | -59.9 | 242.1 | 23.8 | 21.0 | 11.1 | 319.6 | 319.6 | 99.9 | 99.9 | 23.5 | 9.4 |
| 30.5 | 103.2 | 10441.3 | 250.0 | -55.3 | -59.9 | 23.1 | 25.7 | 22.2 | 13.0 | 323.9 | 323.9 | 99.9 | 99.9 | 26.3 | 9.1 |
| 32.5 | 108.5 | 11130.0 | 225.0 | -58.0 | -59.9 | 245.1 | 26.3 | 23.8 | 11.1 | 332.7 | 332.7 | 99.9 | 99.9 | 29.4 | 7.9 |
| 35.1 | 114.0 | 11600.6 | 200.0 | -56.4 | -59.9 | 250.0 | 26.0 | 24.4 | 8.9 | 343.4 | 343.4 | 99.9 | 99.9 | 33.4 | 7.6 |
| 38.1 | 120.3 | 12710.4 | 175.0 | -53.2 | -59.9 | 258.2 | 21.2 | 21.6 | 11.2 | 358.8 | 358.8 | 99.9 | 99.9 | 37.3 | 7.5 |
| 41.3 | 126.8 | 13659.7 | 150.0 | -54.9 | -59.9 | 259.8 | 21.9 | 21.6 | 3.9 | 375.5 | 375.5 | 99.9 | 99.9 | 42.2 | 7.6 |
| 45.6 | 134.3 | 14865.9 | 125.0 | -57.3 | -59.9 | 246.6 | 17.4 | 16.8 | 4.6 | 391.2 | 391.2 | 99.9 | 99.9 | 44.9 | 7.7 |
| 50.4 | 141.7 | 16278.0 | 100.0 | -55.9 | -59.9 | 253.1 | 17.8 | 17.0 | 5.2 | 419.8 | 419.8 | 99.9 | 99.9 | 52.6 | 7.4 |
| 56.7 | 149.7 | 18110.2 | 75.0 | -56.4 | -59.9 | 243.6 | 16.3 | 14.6 | 7.3 | 454.7 | 454.7 | 99.9 | 99.9 | 59.1 | 7.5 |
| 64.5 | 158.7 | 20700.0 | 50.0 | -54.2 | -59.9 | 259.1 | 9.3 | 8.6 | 3.3 | 515.8 | 515.8 | 99.9 | 99.9 | 64.7 | 7.5 |
| 77.1 | 168.3 | 25206.4 | 25.0 | -50.0 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 641.2 | 641.2 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 606
PERTLAND, ME26 APRIL 1975
1715 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ FC |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.5 | 20.0 | 1009.7 | 6.1 | 6.1 | 50.0 | 2.6 | -2.0 | -1.7 | 279.2 | 294.1 | 5.9 | 100.0 | 0.0 | 0 |
| 0.3 | 6.3 | 99.5 | 1000.0 | 6.7 | 5.6 | 99.9 | 99.9 | 99.9 | 99.9 | 280.6 | 295.2 | 5.7 | 92.4 | 999.9 | 99.9 |
| 0.6 | 6.6 | 307.1 | 975.0 | 5.1 | 5.1 | 99.9 | 99.9 | 99.9 | 99.9 | 281.0 | 295.4 | 5.7 | 100.0 | 999.9 | 99.9 |
| 1.5 | 10.8 | 510.4 | 950.0 | 5.2 | 5.2 | 99.9 | 99.9 | 99.9 | 99.9 | 283.2 | 298.2 | 5.8 | 101.0 | 999.9 | 99.9 |
| 2.3 | 12.3 | 739.5 | 925.0 | 7.5 | 7.3 | 99.9 | 99.9 | 99.9 | 99.9 | 287.9 | 306.1 | 7.0 | 98.5 | 999.9 | 99.9 |
| 3.0 | 15.7 | 966.1 | 900.0 | 9.9 | 7.1 | 99.9 | 99.9 | 99.9 | 99.9 | 292.6 | 311.4 | 7.1 | 82.9 | 999.9 | 99.9 |
| 1.7 | 18.1 | 1200.5 | 875.0 | 9.9 | 4.7 | 246.7 | 8.6 | 7.9 | 3.4 | 294.9 | 311.5 | 6.1 | 70.1 | 1.3 | 10.5 |
| 4.6 | 20.6 | 1441.6 | 850.0 | 9.0 | 4.2 | 255.2 | 9.2 | 8.9 | 2.4 | 296.4 | 313.0 | 6.1 | 71.7 | 1.7 | 30.5 |
| 5.4 | 23.1 | 1684.6 | 825.0 | 7.6 | 3.6 | 264.4 | 12.3 | 12.2 | 1.1 | 297.4 | 314.0 | 6.0 | 75.7 | 2.2 | 31.5 |
| 6.2 | 25.6 | 1941.9 | 800.0 | 6.0 | 2.7 | 264.9 | 13.8 | 13.7 | 1.2 | 298.3 | 314.4 | 5.8 | 79.0 | 2.4 | 31.5 |
| 7.0 | 28.1 | 2201.4 | 775.0 | 4.1 | 2.4 | 268.9 | 15.1 | 15.1 | 0.3 | 299.0 | 315.8 | 6.1 | 91.3 | 3.6 | 31.5 |
| 8.0 | 30.9 | 2467.8 | 750.0 | 2.3 | 0.9 | 269.7 | 16.4 | 16.4 | 0.1 | 299.7 | 314.9 | 5.5 | 90.5 | 4.4 | 30.5 |
| 8.9 | 33.7 | 2741.3 | 725.0 | 0.3 | -1.2 | 272.7 | 17.6 | 17.6 | -0.8 | 300.4 | 314.0 | 4.9 | 90.2 | 5.4 | 30.5 |
| 9.9 | 36.3 | 3022.2 | 700.0 | -1.8 | -2.5 | 273.1 | 17.6 | 17.8 | -0.9 | 301.1 | 314.0 | 4.6 | 94.7 | 6.5 | 31.5 |
| 10.9 | 39.2 | 3310.7 | 675.0 | -3.9 | -5.2 | 270.8 | 18.1 | 18.1 | -0.3 | 301.7 | 312.9 | 3.9 | 91.4 | 7.5 | 31.5 |
| 11.9 | 42.0 | 3608.6 | 650.0 | -3.3 | -18.7 | 270.9 | 18.6 | 18.6 | -0.3 | 305.4 | 309.5 | 1.3 | 29.1 | 8.7 | 31.5 |
| 12.9 | 45.0 | 3917.4 | 625.0 | -5.7 | -25.1 | 271.2 | 18.5 | 18.5 | -0.4 | 305.9 | 308.5 | 0.8 | 19.9 | 9.4 | 31.5 |
| 13.9 | 48.0 | 4236.2 | 600.0 | -7.5 | -25.8 | 267.0 | 20.2 | 20.2 | 1.1 | 307.5 | 309.9 | 0.8 | 21.4 | 10.4 | 31.5 |
| 14.9 | 51.0 | 4565.7 | 575.0 | -10.2 | -26.6 | 264.9 | 22.0 | 21.9 | 2.0 | 308.1 | 310.6 | 0.8 | 24.6 | 12.2 | 31.5 |
| 15.9 | 54.3 | 4906.7 | 550.0 | -12.5 | -27.9 | 266.0 | 21.5 | 21.5 | 1.5 | 309.4 | 311.6 | 0.7 | 26.2 | 13.7 | 30.5 |
| 16.2 | 57.3 | 5260.0 | 525.0 | -15.0 | -36.8 | 266.0 | 18.4 | 18.3 | 1.3 | 310.3 | 311.4 | 0.3 | 13.6 | 15.1 | 30.5 |
| 16.6 | 60.8 | 5627.5 | 500.0 | -16.8 | -43.6 | 269.3 | 18.5 | 18.5 | 0.2 | 312.5 | 313.0 | 0.2 | 7.7 | 16.4 | 30.5 |
| 20.0 | 64.3 | 6010.5 | 475.0 | -19.9 | -34.2 | 270.5 | 18.4 | 18.8 | -0.2 | 313.4 | 314.9 | 0.4 | 27.1 | 18.1 | 30.5 |
| 21.3 | 67.7 | 6409.1 | 450.0 | -22.9 | -28.5 | 265.3 | 21.7 | 21.7 | 1.8 | 314.4 | 317.1 | 0.8 | 59.9 | 19.6 | 30.5 |
| 22.6 | 71.3 | 6826.6 | 425.0 | -24.6 | -29.4 | 266.9 | 27.6 | 27.6 | 1.5 | 317.5 | 323.2 | 0.8 | 64.1 | 21.6 | 30.5 |
| 23.9 | 75.2 | 7265.4 | 400.0 | -27.7 | -32.6 | 265.9 | 32.0 | 32.0 | 0.1 | 319.0 | 321.1 | 0.6 | 62.8 | 24.1 | 30.5 |
| 25.4 | 79.2 | 7726.1 | 375.0 | -31.3 | -36.5 | 272.9 | 36.0 | 36.0 | -1.8 | 320.1 | 321.7 | 0.4 | 59.7 | 27.1 | 30.5 |
| 26.9 | 83.2 | 8210.1 | 350.0 | -36.0 | -41.5 | 271.3 | 34.4 | 34.4 | -0.8 | 320.1 | 321.1 | 0.3 | 56.3 | 30.1 | 30.5 |
| 28.4 | 87.4 | 8720.4 | 325.0 | -40.3 | 99.0 | 271.7 | 36.9 | 36.9 | -1.1 | 321.1 | 323.9 | 99.9 | 99.9 | 33.3 | 30.5 |
| 30.1 | 92.0 | 9260.1 | 300.0 | -45.5 | 99.9 | 275.0 | 37.2 | 37.2 | -3.2 | 321.2 | 323.9 | 99.9 | 99.9 | 37.2 | 30.5 |
| 32.3 | 96.9 | 9834.4 | 275.0 | -49.7 | 99.9 | 282.9 | 37.2 | 36.3 | -8.3 | 323.3 | 323.9 | 99.9 | 99.9 | 42.0 | 31.5 |
| 34.3 | 101.6 | 10453.4 | 250.0 | -53.3 | 99.9 | 282.9 | 42.6 | 40.6 | -12.7 | 326.9 | 323.9 | 99.9 | 99.9 | 46.4 | 30.5 |
| 36.4 | 107.2 | 11125.0 | 225.0 | -57.9 | 99.9 | 286.8 | 37.2 | 33.2 | -16.8 | 329.8 | 323.9 | 99.9 | 99.9 | 51.7 | 30.5 |
| 38.9 | 113.0 | 11862.2 | 200.0 | -59.8 | 99.9 | 290.2 | 36.1 | 33.9 | -12.5 | 338.0 | 323.9 | 99.9 | 99.9 | 56.9 | 30.5 |
| 41.6 | 119.0 | 12695.2 | 175.0 | -59.7 | 99.9 | 286.3 | 28.6 | 26.3 | -9.0 | 331.4 | 323.9 | 99.9 | 99.9 | 61.5 | 30.5 |
| 44.8 | 125.6 | 13664.2 | 150.0 | -57.5 | 99.9 | 285.0 | 14.9 | 33.7 | -4.0 | 371.0 | 323.9 | 99.9 | 99.9 | 67.3 | 30.5 |
| 48.9 | 132.7 | 14725.1 | 125.0 | -55.9 | 99.9 | 279.3 | 23.6 | 23.3 | -3.8 | 393.8 | 323.9 | 99.9 | 99.9 | 73.4 | 30.5 |
| 53.7 | 139.8 | 16257.9 | 100.0 | -53.3 | 99.9 | 288.8 | 16.8 | 15.9 | -5.4 | 424.8 | 323.9 | 99.9 | 99.9 | 79.4 | 30.5 |
| 58.4 | 146.8 | 18056.2 | 75.0 | -57.1 | 99.9 | 288.4 | 12.1 | 11.5 | -3.8 | 453.3 | 323.9 | 99.9 | 99.9 | 83.9 | 30.5 |
| 64.9 | 154.0 | 20678.6 | 50.0 | -53.0 | 99.9 | 46.6 | 3.0 | -2.2 | -2.0 | 518.6 | 323.9 | 99.9 | 99.9 | 87.6 | 101.5 |
| 71.9 | 160.8 | 25174.0 | 25.0 | -49.8 | 99.9 | 168.8 | 1.9 | -0.4 | 1.8 | 642.1 | 323.9 | 99.9 | 99.9 | 87.4 | 101.5 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 637
FLINT, MICH24 APRIL 1975
1800 GMT

159 19. 0

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DG C | CEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGF A7 KM | DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|----------------|------|
| 0.0 | 5.7 | 236.0 | 983.7 | 9.4 | 5.6 | 20.0 | 5.1 | -1.7 | -4.8 | 28.6 | 269.7 | 5.8 | 77.0 | 0.0 | 3.6 |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 6.4 | 305.4 | 975.0 | 7.1 | 3.8 | 350.8 | 6.2 | 1.0 | -6.1 | 282.9 | 296.3 | 5.2 | 79.7 | 0.2 | 14.5 |
| 1.2 | 8.5 | 522.6 | 950.0 | 5.1 | 4.1 | 356.7 | 5.6 | 0.3 | -5.0 | 283.0 | 297.1 | 5.4 | 93.7 | 0.4 | 17.4 |
| 1.9 | 10.5 | 740.0 | 925.0 | 3.6 | 3.0 | 3.7 | 4.7 | -0.3 | -4.7 | 283.7 | 247.1 | 5.2 | 95.9 | 0.6 | 17.9 |
| 2.6 | 12.7 | 962.4 | 900.0 | 3.6 | 2.2 | 339.9 | 3.3 | 1.1 | -3.1 | 285.9 | 299.0 | 5.0 | 90.1 | 0.8 | 18.0 |
| 3.4 | 15.0 | 1192.1 | 875.0 | 5.2 | 1.6 | 256.7 | 6.1 | 5.4 | -2.7 | 289.8 | 303.0 | 4.9 | 77.5 | 0.9 | 17.1 |
| 4.2 | 17.0 | 1430.0 | 850.0 | 7.1 | 3.1 | 280.1 | 8.3 | 4.2 | -1.5 | 294.3 | 309.9 | 5.7 | 76.4 | 1.1 | 15.4 |
| 5.0 | 19.2 | 1676.0 | 825.0 | 6.8 | 3.5 | 272.1 | 9.0 | 9.0 | -0.3 | 296.6 | 313.0 | 6.0 | 79.4 | 1.4 | 13.4 |
| 5.9 | 21.5 | 1525.9 | 800.0 | 5.8 | 3.2 | 273.0 | 9.5 | 9.4 | -0.5 | 298.1 | 314.7 | 6.1 | 83.7 | 1.8 | 12.4 |
| 6.8 | 24.0 | 2189.5 | 775.0 | 4.7 | 2.5 | 280.5 | 10.0 | 9.9 | -1.8 | 299.6 | 316.1 | 6.0 | 86.0 | 2.2 | 12.0 |
| 7.7 | 26.3 | 2456.1 | 750.0 | 4.5 | -9.6 | 285.0 | 10.1 | 9.6 | -3.1 | 301.8 | 309.1 | 2.5 | 34.9 | 2.9 | 11.4 |
| 8.6 | 28.8 | 2731.3 | 725.0 | 2.7 | -11.8 | 285.1 | 10.1 | 9.8 | -2.6 | 302.7 | 309.0 | 2.1 | 33.5 | 3.3 | 11.4 |
| 9.5 | 31.4 | 3014.2 | 700.0 | 0.6 | -12.4 | 281.9 | 10.9 | 10.7 | -2.3 | 303.4 | 309.6 | 2.1 | 37.1 | 3.8 | 11.4 |
| 10.3 | 34.0 | 3305.0 | 675.0 | -1.4 | -16.0 | 278.9 | 10.7 | 10.6 | -1.7 | 305.3 | 309.3 | 1.6 | 31.8 | 4.4 | 11.4 |
| 11.4 | 36.3 | 3625.0 | 650.0 | -2.7 | -25.0 | 277.9 | 9.8 | 9.7 | -1.4 | 306.0 | 308.5 | 0.8 | 15.9 | 5.0 | 11.4 |
| 12.2 | 39.1 | 3914.7 | 625.0 | -4.6 | -29.5 | 283.1 | 10.7 | 10.4 | -2.4 | 307.2 | 308.9 | 0.5 | 12.1 | 5.5 | 11.4 |
| 13.4 | 41.7 | 4235.1 | 600.0 | -6.2 | -35.0 | 282.9 | 12.1 | 11.8 | -2.7 | 308.0 | 310.1 | 0.3 | 8.1 | 6.3 | 11.4 |
| 14.4 | 44.6 | 4565.5 | 575.0 | -8.6 | -37.1 | 280.5 | 11.2 | 11.0 | -2.0 | 308.9 | 310.8 | 0.3 | 7.9 | 7.9 | 11.4 |
| 15.9 | 47.6 | 4908.7 | 550.0 | -12.0 | -37.5 | 270.0 | 12.2 | 12.2 | 0.0 | 309.9 | 310.8 | 0.3 | 9.8 | 7.9 | 11.4 |
| 16.9 | 50.5 | 5263.2 | 525.0 | -14.1 | -42.3 | 264.8 | 13.2 | 13.1 | 1.2 | 311.5 | 311.5 | 0.2 | 7.0 | 8.9 | 11.4 |
| 18.1 | 53.4 | 5632.5 | 500.0 | -15.3 | -47.0 | 267.6 | 13.0 | 13.0 | 0.6 | 314.4 | 314.8 | 0.1 | 4.6 | 9.4 | 11.4 |
| 19.3 | 56.4 | 6016.3 | 475.0 | -17.6 | -43.5 | 271.0 | 13.1 | 13.1 | -0.2 | 316.1 | 316.7 | 0.2 | 8.3 | 10.6 | 11.4 |
| 20.5 | 59.6 | 6421.6 | 450.0 | -19.7 | -44.3 | 263.8 | 14.2 | 14.1 | 1.5 | 319.4 | 319.0 | 0.2 | 9.1 | 11.6 | 11.4 |
| 21.9 | 63.0 | 6843.0 | 425.0 | -22.7 | -46.4 | 257.5 | 14.4 | 14.1 | 3.1 | 319.8 | 320.3 | 0.1 | 9.4 | 12.7 | 9.4 |
| 23.2 | 66.3 | 7284.1 | 400.0 | -26.9 | -42.1 | 248.9 | 14.8 | 13.8 | 5.3 | 320.0 | 320.8 | 0.2 | 22.0 | 13.7 | 9.4 |
| 24.5 | 69.7 | 7743.9 | 375.0 | -30.8 | -38.1 | 243.9 | 18.5 | 16.6 | 8.1 | 320.8 | 322.1 | 0.4 | 45.5 | 14.7 | 9.4 |
| 26.0 | 73.3 | 8234.2 | 350.0 | -32.9 | -37.1 | 251.0 | 28.0 | 26.4 | 9.1 | 320.4 | 320.0 | 0.4 | 65.4 | 16.7 | 9.4 |
| 27.7 | 77.3 | 8751.1 | 325.0 | -37.3 | -42.3 | 256.8 | 32.4 | 31.6 | 7.4 | 325.2 | 326.2 | 0.3 | 59.6 | 19.7 | 9.4 |
| 29.4 | 81.3 | 9299.2 | 300.0 | -41.7 | -49.9 | 253.9 | 39.5 | 38.4 | 6.6 | 326.6 | 326.9 | 0.3 | 99.9 | 23.2 | 9.4 |
| 31.5 | 85.7 | 9883.8 | 275.0 | -45.9 | -49.9 | 247.3 | 41.6 | 38.4 | 16.0 | 328.8 | 328.9 | 0.3 | 99.9 | 28.3 | 9.4 |
| 33.7 | 90.4 | 10513.3 | 250.0 | -51.5 | -49.9 | 248.2 | 41.4 | 38.4 | 15.3 | 329.5 | 329.9 | 0.3 | 99.9 | 31.5 | 9.4 |
| 35.9 | 95.3 | 11185.5 | 225.0 | -57.2 | -49.9 | 255.7 | 45.0 | 43.6 | 11.1 | 330.9 | 330.9 | 0.3 | 99.9 | 38.0 | 9.4 |
| 38.3 | 100.5 | 11923.7 | 200.0 | -60.6 | -49.9 | 250.1 | 42.3 | 41.1 | 10.2 | 336.8 | 336.9 | 0.3 | 99.9 | 45.9 | 9.4 |
| 41.4 | 106.5 | 12747.1 | 175.0 | -62.2 | -49.9 | 250.0 | 32.8 | 30.8 | 11.2 | 347.4 | 347.9 | 0.3 | 99.9 | 52.8 | 9.4 |
| 44.8 | 112.8 | 13712.1 | 150.0 | -57.1 | -49.9 | 263.9 | 27.8 | 27.6 | 3.0 | 371.7 | 371.7 | 0.3 | 99.9 | 59.3 | 9.4 |
| 48.9 | 120.2 | 14867.0 | 125.0 | -53.7 | -49.9 | 263.1 | 25.7 | 25.5 | 3.1 | 394.1 | 394.1 | 0.3 | 99.9 | 65.4 | 9.4 |
| 53.5 | 128.3 | 16295.5 | 100.0 | -52.6 | -49.9 | 259.5 | 24.4 | 24.0 | 4.4 | 426.2 | 426.9 | 0.3 | 99.9 | 72.4 | 9.4 |
| 58.9 | 134.0 | 18124.9 | 75.0 | -55.7 | -49.9 | 306.9 | 9.7 | 7.7 | -5.8 | 447.8 | 447.8 | 0.3 | 99.9 | 80.3 | 9.4 |
| 64.6 | 148.7 | 20682.4 | 50.0 | -56.6 | -49.9 | 0.7 | 2.6 | -0.0 | -2.6 | 510.3 | 510.3 | 0.3 | 99.9 | 83.4 | 9.4 |
| 70.3 | 160.3 | 25147.9 | 25.0 | -50.9 | -49.9 | 247.4 | 2.8 | 2.8 | 0.1 | 638.9 | 638.9 | 0.3 | 99.9 | 84.3 | 9.4 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 645
GREEN PAV. WJS24 APRIL 1975
1715 GMT

| TIME MIN | CATCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.0 | 210.0 | 589.8 | 7.2 | 2.9 | 20.0 | 4.1 | -1.4 | -3.9 | 281.5 | 294.2 | 4.8 | 74.0 | 0.0 | 0. |
| 9.9 | 9.0 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 90. |
| 9.9 | 8.3 | 325.7 | 975.7 | 6.3 | 3.7 | 999.9 | 99.9 | 99.9 | 99.9 | 285.4 | 295.4 | 5.1 | 83.2 | 99.9 | 90. |
| 1.4 | 10.4 | 537.9 | 950.0 | 3.6 | 2.6 | 999.9 | 99.9 | 99.9 | 99.9 | 281.4 | 294.0 | 4.9 | 93.4 | 99.9 | 90. |
| 2.3 | 12.3 | 753.6 | 925.0 | 1.2 | 1.2 | 5.9 | 4.7 | -0.5 | -4.7 | 281.1 | 292.9 | 4.5 | 100.3 | 0.5 | 20. |
| 3.0 | 15.3 | 974.0 | 900.0 | 0.0 | 0.0 | 10.6 | 6.1 | -1.1 | -6.0 | 282.1 | 293.3 | 4.3 | 101.0 | 0.9 | 20. |
| 3.8 | 17.7 | 1200.7 | 875.0 | 3.0 | -5.0 | 18.6 | 6.3 | -2.0 | -6.0 | 282.3 | 295.6 | 3.1 | 57.9 | 1.1 | 20. |
| 4.7 | 23.2 | 1437.2 | 850.0 | 5.9 | -6.2 | 0.4 | 5.2 | -0.1 | -5.2 | 292.6 | 300.5 | 2.8 | 41.9 | 1.4 | 10. |
| 5.7 | 22.6 | 1481.0 | 825.0 | 4.7 | -7.1 | 353.5 | 5.5 | 0.6 | -5.5 | 293.9 | 301.6 | 2.7 | 42.0 | 1.6 | 10. |
| 6.5 | 25.2 | 1931.1 | 800.0 | 2.8 | -8.4 | 340.3 | 5.5 | 1.9 | -5.2 | 294.5 | 302.9 | 3.0 | 50.8 | 1.9 | 10. |
| 7.6 | 27.7 | 2188.2 | 775.0 | 2.4 | -9.0 | 312.5 | 6.8 | 5.0 | -4.6 | 296.8 | 306.4 | 3.4 | 57.9 | 2.2 | 10. |
| 8.6 | 30.3 | 2452.8 | 750.0 | 2.5 | -4.4 | 305.2 | 7.0 | 5.7 | -4.1 | 298.3 | 309.5 | 0.1 | 1.0 | 2.5 | 10. |
| 9.4 | 33.1 | 2726.0 | 725.0 | 1.2 | -4.2 | 292.6 | 7.6 | 7.1 | -2.9 | 300.8 | 301.0 | 0.1 | 1.0 | 2.8 | 10. |
| 10.7 | 35.3 | 3007.1 | 700.0 | -0.5 | -5.3 | 282.2 | 9.2 | 8.9 | -1.9 | 301.9 | 302.1 | 0.1 | 1.0 | 3.0 | 10. |
| 11.9 | 39.6 | 3253.5 | 675.0 | -1.9 | -5.2 | 278.7 | 11.0 | 10.9 | -1.7 | 303.5 | 303.7 | 0.0 | 1.0 | 3.3 | 10. |
| 13.1 | 41.3 | 3595.5 | 650.0 | -3.9 | -31.5 | 265.3 | 10.8 | 10.8 | 0.1 | 304.6 | 306.0 | 0.4 | 9.5 | 4.0 | 10. |
| 14.1 | 44.3 | 3903.5 | 625.0 | -6.3 | -32.5 | 266.4 | 10.9 | 10.9 | 0.7 | 305.3 | 306.6 | 0.4 | 10.3 | 4.5 | 10. |
| 15.5 | 47.3 | 4221.4 | 600.0 | -8.6 | -38.2 | 274.3 | 12.1 | 12.1 | -0.9 | 306.1 | 306.8 | 0.2 | 6.3 | 5.1 | 10. |
| 16.4 | 50.4 | 4550.1 | 575.0 | -10.7 | -40.8 | 273.0 | 14.9 | 14.8 | -1.9 | 307.4 | 309.0 | 0.2 | 6.3 | 6.1 | 10. |
| 18.0 | 53.3 | 4890.1 | 550.0 | -13.1 | -39.3 | 273.0 | 15.5 | 15.5 | -0.8 | 308.5 | 309.3 | 0.2 | 6.9 | 7.2 | 10. |
| 19.4 | 56.4 | 5242.5 | 525.0 | -16.2 | -39.9 | 267.3 | 15.7 | 15.7 | 0.8 | 309.0 | 309.7 | 0.2 | 10.9 | 8.3 | 10. |
| 20.8 | 59.4 | 5638.1 | 500.0 | -18.3 | -40.0 | 261.0 | 17.4 | 17.2 | 2.7 | 310.7 | 311.5 | 0.2 | 12.7 | 9.6 | 10. |
| 22.2 | 63.3 | 5989.9 | 475.0 | -21.2 | -38.4 | 268.7 | 18.3 | 18.2 | 1.7 | 311.7 | 312.7 | 0.3 | 19.5 | 10.9 | 10. |
| 23.6 | 66.5 | 6386.2 | 450.0 | -23.0 | -39.0 | 270.9 | 21.0 | 21.0 | -0.3 | 313.3 | 315.2 | 0.3 | 21.4 | 12.5 | 10. |
| 25.2 | 70.1 | 6832.9 | 425.0 | - | -50.2 | 265.8 | 22.0 | 22.0 | 0.1 | 315.8 | 316.2 | 0.1 | 9.0 | 14.5 | 10. |
| 26.9 | 73.7 | 7239.0 | 400.0 | - | -65.1 | 270.9 | 23.2 | 23.2 | -0.4 | 317.4 | 317.5 | 0.0 | 13.7 | 16.6 | 10. |
| 28.4 | 77.7 | 7657.4 | 375.0 | -37.0 | -55.6 | 268.3 | 25.7 | 25.7 | -0.3 | 318.0 | 318.2 | 0.0 | 6.1 | 18.5 | 9. |
| 30.0 | 81.5 | 8173.8 | 350.0 | -41.3 | -55.6 | 268.3 | 30.1 | 30.1 | 0.9 | 318.7 | 318.9 | 0.1 | 13.0 | 21.6 | 9. |
| 31.7 | 85.6 | 8687.1 | 325.0 | -46.1 | 99.9 | 261.8 | 31.9 | 31.5 | 4.5 | 319.7 | 319.9 | 99.9 | 99.9 | 24.8 | 9. |
| 33.7 | 90.0 | 9225.1 | 300.0 | -48.1 | 99.9 | 255.1 | 33.1 | 31.9 | 8.5 | 320.5 | 319.9 | 99.9 | 99.9 | 28.4 | 9. |
| 35.7 | 94.8 | 9794.0 | 275.0 | -51.0 | 99.9 | 250.0 | 33.5 | 37.5 | 8.1 | 321.4 | 319.9 | 99.9 | 99.9 | 32.3 | 9. |
| 37.9 | 99.6 | 10412.2 | 250.0 | -55.0 | 99.9 | 255.4 | 38.0 | 36.7 | 9.6 | 324.3 | 319.9 | 99.9 | 99.9 | 36.8 | 9. |
| 40.2 | 104.6 | 11082.7 | 225.0 | -56.1 | 99.9 | 254.9 | 39.3 | 37.9 | 10.2 | 332.6 | 319.9 | 99.9 | 99.9 | 42.3 | 8. |
| 42.9 | 110.4 | 11827.7 | 200.0 | -58.0 | 99.9 | 259.8 | 26.2 | 37.9 | 5.0 | 340.9 | 319.9 | 99.9 | 99.9 | 48.2 | 8. |
| 45.8 | 116.3 | 12655.8 | 175.0 | -57.2 | 99.9 | 258.4 | 31.0 | 30.4 | 6.2 | 355.6 | 319.9 | 99.9 | 99.9 | 52.7 | 8. |
| 49.0 | 123.0 | 13646.9 | 150.0 | -57.1 | 99.9 | 250.1 | 25.7 | 24.9 | 6.2 | 371.8 | 319.9 | 99.9 | 99.9 | 57.9 | 8. |
| 52.0 | 130.5 | 14810.4 | 125.0 | -53.9 | 99.9 | 265.0 | 24.1 | 24.0 | 2.1 | 392.4 | 319.9 | 99.9 | 99.9 | 63.2 | 8. |
| 57.5 | 138.3 | 16242.8 | 100.0 | -54.6 | 99.9 | 248.4 | 18.3 | 17.0 | 6.8 | 422.3 | 319.9 | 99.9 | 99.9 | 69.4 | 8. |
| 63.3 | 146.5 | 18083.4 | 75.0 | -57.1 | 99.9 | 302.1 | 11.7 | 10.1 | -5.9 | 453.1 | 319.9 | 99.9 | 99.9 | 77.2 | 8. |
| 71.5 | 155.7 | 20671.3 | 50.0 | -53.8 | 99.9 | 116.0 | 1.9 | -1.7 | 0.9 | 516.8 | 319.9 | 99.9 | 99.9 | 80.2 | 8. |
| 84.2 | 185.3 | 25155.6 | 25.0 | -49.7 | 99.9 | 71.8 | 3.9 | -3.7 | -1.2 | 642.2 | 319.9 | 99.9 | 99.9 | 80.7 | 8. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 654
MURON, S O

24 APRIL 1975
1720 GMT

| TIME MIN | CNTCT | HEIGHT GPN | PRES MB | TEMP DG C | DEW PT DG C | DIR CG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.1 | 392.0 | 965.0 | 10.0 | 6.7 | 150.0 | 4.1 | -2.1 | 3.6 | 266.8 | 303.5 | 6.4 | 80.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 10.4 | 529.3 | 950.0 | 9.5 | 6.1 | 151.8 | 6.9 | -3.2 | 6.3 | 287.6 | 303.9 | 6.2 | 79.7 | 0.2 | 32.8 |
| 1.3 | 12.5 | 750.5 | 925.0 | 8.3 | 5.2 | 144.1 | 7.5 | -3.3 | 6.8 | 288.6 | 305.4 | 6.0 | 80.6 | 0.5 | 33.0 |
| 2.0 | 14.8 | 976.6 | 900.0 | 6.9 | 4.7 | 151.3 | 6.7 | -3.2 | 5.9 | 289.4 | 305.3 | 6.0 | 86.0 | 0.8 | 33.1 |
| 2.7 | 16.8 | 1208.1 | 875.0 | 5.4 | 4.8 | 164.2 | 6.7 | -1.8 | 6.5 | 290.2 | 306.6 | 6.2 | 95.8 | 1.1 | 33.2 |
| 3.6 | 19.2 | 1445.0 | 850.0 | 4.5 | 4.2 | 194.5 | 6.7 | 1.7 | 6.4 | 291.6 | 307.9 | 6.1 | 97.8 | 1.4 | 33.6 |
| 4.4 | 21.4 | 1686.5 | 825.0 | 3.8 | 3.5 | 218.9 | 7.3 | 4.6 | 5.7 | 293.4 | 309.5 | 6.0 | 98.1 | 1.7 | 34.7 |
| 5.3 | 23.8 | 1938.5 | 800.0 | 2.9 | 2.6 | 226.6 | 8.0 | 5.8 | 5.5 | 295.0 | 310.7 | 5.8 | 98.2 | 1.9 | 35.8 |
| 6.1 | 26.1 | 2195.6 | 775.0 | 1.8 | 1.6 | 235.4 | 7.3 | 6.0 | 4.1 | 296.5 | 311.7 | 5.6 | 98.5 | 2.2 | 36 |
| 7.0 | 28.6 | 2460.3 | 750.0 | 1.7 | -4.1 | 217.0 | 9.6 | 5.8 | 7.7 | 298.9 | 309.6 | 3.8 | 66.3 | 2.5 | 12. |
| 7.9 | 31.1 | 2733.9 | 725.0 | 1.4 | -6.8 | 210.8 | 12.1 | 6.2 | 10.4 | 301.4 | 310.6 | 3.2 | 54.5 | 3.1 | 16. |
| 9.0 | 33.7 | 3015.4 | 700.0 | -1.0 | -7.1 | 208.4 | 14.2 | 6.8 | 12.5 | 301.8 | 311.1 | 3.2 | 63.1 | 3.9 | 19. |
| 9.9 | 36.1 | 3304.7 | 675.0 | -3.3 | -6.2 | 207.2 | 16.9 | 7.8 | 15.1 | 302.4 | 312.7 | 3.6 | 80.1 | 4.8 | 20. |
| 11.1 | 38.9 | 3602.3 | 650.0 | -5.2 | -8.2 | 205.3 | 18.9 | 8.1 | 17.1 | 303.4 | 312.6 | 3.2 | 79.3 | 6.0 | 22. |
| 12.0 | 41.4 | 3905.5 | 625.0 | -7.3 | -11.5 | 206.7 | 19.9 | 8.9 | 17.8 | 304.4 | 311.9 | 2.6 | 72.3 | 7.1 | 22. |
| 13.0 | 44.3 | 4226.1 | 600.0 | -10.0 | -15.1 | 210.7 | 19.0 | 9.7 | 16.3 | 304.8 | 310.8 | 2.0 | 65.7 | 8.2 | 23. |
| 14.0 | 47.1 | 4553.1 | 575.0 | -12.3 | -18.5 | 214.2 | 18.8 | 10.5 | 15.5 | 305.7 | 310.5 | 1.5 | 59.7 | 9.5 | 24. |
| 15.3 | 50.2 | 4891.3 | 550.0 | -15.0 | -19.2 | 216.7 | 19.9 | 11.9 | 15.9 | 306.5 | 311.2 | 1.5 | 69.9 | 10.8 | 26. |
| 16.5 | 53.0 | 5241.8 | 525.0 | -17.7 | -21.4 | 217.9 | 20.1 | 12.4 | 15.9 | 307.2 | 311.3 | 1.3 | 72.9 | 12.3 | 27. |
| 17.9 | 55.9 | 5604.9 | 500.0 | -20.6 | -23.6 | 216.9 | 20.6 | 12.3 | 14.4 | 307.5 | 308.8 | 0.3 | 17.6 | 14.0 | 28. |
| 19.3 | 59.1 | 5982.2 | 475.0 | -23.6 | -26.8 | 214.2 | 20.9 | 11.7 | 17.3 | 308.7 | 309.7 | 0.3 | 23.1 | 15.7 | 29. |
| 20.9 | 62.5 | 6374.9 | 450.0 | -27.1 | -29.9 | 215.9 | 20.8 | 12.2 | 16.9 | 309.2 | 309.9 | 99.9 | 99.9 | 17.7 | 30. |
| 22.3 | 65.7 | 6765.0 | 425.0 | -29.6 | -32.8 | 219.6 | 19.1 | 12.2 | 14.7 | 311.1 | 309.9 | 99.9 | 99.9 | 19.4 | 31. |
| 23.0 | 69.1 | 7214.4 | 400.0 | -32.8 | -36.1 | 228.8 | 19.0 | 11.9 | 14.6 | 312.3 | 309.9 | 99.9 | 99.9 | 21.0 | 31. |
| 25.4 | 72.6 | 7663.6 | 375.0 | -36.1 | -39.9 | 223.8 | 20.3 | 14.1 | 14.7 | 313.6 | 309.9 | 99.9 | 99.9 | 22.9 | 32. |
| 27.1 | 76.5 | 8140.5 | 350.0 | -40.2 | -43.6 | 224.8 | 23.6 | 16.6 | 16.8 | 314.5 | 309.9 | 99.9 | 99.9 | 25.2 | 33. |
| 28.7 | 80.4 | 8641.7 | 325.0 | -44.6 | -47.9 | 224.5 | 24.4 | 17.1 | 17.4 | 315.2 | 309.9 | 99.9 | 99.9 | 27.5 | 34. |
| 30.3 | 84.5 | 9172.3 | 300.0 | -48.8 | -52.0 | 228.5 | 28.2 | 21.1 | 18.7 | 316.6 | 309.9 | 99.9 | 99.9 | 29.8 | 35. |
| 32.1 | 88.7 | 9739.0 | 275.0 | -52.9 | -56.9 | 230.5 | 28.7 | 22.2 | 18.2 | 318.7 | 309.9 | 99.9 | 99.9 | 32.9 | 37. |
| 34.2 | 93.4 | 10349.7 | 250.0 | -56.2 | -60.9 | 225.8 | 26.0 | 18.6 | 18.2 | 322.6 | 309.9 | 99.9 | 99.9 | 36.0 | 38. |
| 36.3 | 98.2 | 11025.1 | 225.0 | -53.1 | -57.9 | 242.5 | 27.8 | 24.6 | 12.8 | 337.2 | 309.9 | 99.9 | 99.9 | 39.4 | 39. |
| 38.7 | 103.4 | 11779.7 | 200.0 | -55.0 | -59.9 | 249.5 | 19.9 | 18.6 | 7.0 | 345.7 | 309.9 | 99.9 | 99.9 | 42.5 | 41. |
| 41.6 | 109.3 | 12633.9 | 175.0 | -54.8 | -58.9 | 247.6 | 19.9 | 18.4 | 7.6 | 359.4 | 309.9 | 99.9 | 99.9 | 45.6 | 43. |
| 45.1 | 115.4 | 13425.9 | 150.0 | -53.1 | -56.9 | 254.8 | 21.7 | 21.0 | 6.7 | 378.6 | 309.9 | 99.9 | 99.9 | 50.0 | 45. |
| 48.2 | 122.3 | 14793.5 | 125.0 | -54.7 | -59.9 | 251.6 | 19.4 | 18.4 | 6.1 | 395.9 | 309.9 | 99.9 | 99.9 | 53.9 | 48. |
| 50.8 | 129.8 | 16224.3 | 100.0 | -53.6 | -58.9 | 255.4 | 15.8 | 14.3 | 6.6 | 424.2 | 309.9 | 99.9 | 99.9 | 58.0 | 49. |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 655
ST CLOUD, MINN24 APRIL 1975
1730 GMT

| TIME MIN | CNTCT | HEIGHT GEM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.7 | 316.0 | 979.0 | 8.1 | 3.9 | 90.0 | 5.1 | -5.1 | 0.0 | 283.6 | 297.1 | 5.2 | 75.0 | 0.0 | 0. |
| 99.9 | 99.9 | 1000.0 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 6.0 | 349.0 | 975.0 | 7.4 | 3.1 | 277.6 | 3.5 | 3.5 | -0.5 | 283.3 | 296.0 | 4.9 | 73.8 | 0.4 | 275. |
| 0.8 | 7.9 | 563.0 | 950.0 | 5.1 | 4.0 | 250.6 | 1.2 | 1.1 | -0.4 | 283.0 | 297.0 | 5.4 | 92.8 | 0.4 | 275. |
| 1.6 | 6.9 | 780.2 | 925.0 | 2.9 | 2.8 | 51.2 | 4.7 | -4.7 | 0.1 | 282.9 | 296.1 | 5.1 | 98.9 | 0.5 | 275. |
| 2.2 | 11.8 | 1002.0 | 900.0 | 1.6 | 1.5 | 98.2 | 5.4 | -5.3 | 0.8 | 283.7 | 296.1 | 4.7 | 79.6 | 0.7 | 275. |
| 3.0 | 13.8 | 1229.9 | 875.0 | 3.0 | -0.2 | 104.2 | 4.4 | -4.3 | 1.1 | 287.4 | 298.9 | 4.3 | 79.6 | 1.0 | 275. |
| 3.8 | 15.8 | 1464.0 | 850.0 | 2.8 | -2.2 | 111.9 | 5.0 | -4.6 | 1.9 | 289.5 | 299.5 | 3.8 | 69.7 | 1.2 | 277. |
| 4.9 | 17.9 | 1706.2 | 825.0 | 1.9 | -2.7 | 178.9 | 4.3 | -0.1 | 4.3 | 291.1 | 301.5 | 3.8 | 71.6 | 1.4 | 285. |
| 5.7 | 20.1 | 1954.4 | 800.0 | 1.0 | -5.0 | 189.5 | 2.8 | 0.5 | 2.8 | 292.6 | 301.9 | 3.3 | 65.6 | 1.4 | 293. |
| 6.7 | 22.1 | 2210.6 | 775.0 | 3.1 | -22.8 | 256.1 | 2.5 | 2.4 | 0.6 | 297.3 | 299.7 | 0.8 | 12.7 | 1.4 | 297. |
| 7.8 | 24.4 | 2475.7 | 750.0 | 1.8 | -21.3 | 267.8 | 3.7 | 3.7 | 0.1 | 298.7 | 301.6 | 0.9 | 16.0 | 1.2 | 302. |
| 8.8 | 26.5 | 2748.1 | 725.0 | 0.2 | -18.7 | 271.7 | 6.1 | 6.1 | -0.2 | 299.9 | 303.7 | 1.3 | 23.6 | 1.0 | 310. |
| 9.8 | 28.9 | 3028.1 | 700.0 | -2.2 | -9.4 | 265.4 | 7.5 | 7.5 | 0.6 | 300.4 | 309.2 | 2.7 | 57.6 | 0.7 | 332. |
| 10.8 | 31.4 | 3315.6 | 675.0 | -5.2 | -10.2 | 262.1 | 9.0 | 8.9 | 1.2 | 302 | 307.8 | 2.6 | 68.2 | 0.8 | 34. |
| 11.9 | 33.9 | 3611.3 | 650.0 | -6.6 | -15.6 | 273.9 | 8.6 | 8.6 | -0.6 | 301.7 | 306.9 | 1.8 | 48.5 | 1.1 | 46. |
| 13.0 | 36.2 | 3917.0 | 625.0 | -8.1 | -33.9 | 283.0 | 7.8 | 6.8 | -1.5 | 303.2 | 309.4 | 0.4 | 10.9 | 1.5 | 52. |
| 15.4 | 41.3 | 4559.5 | 575.0 | -12.7 | -31.9 | 279.3 | 8.4 | 8.3 | -1.4 | 305.1 | 306.6 | 0.5 | 18.1 | 2.3 | 75. |
| 16.7 | 44.1 | 4837.2 | 550.0 | -14.7 | -33.0 | 274.4 | 9.7 | 9.6 | -0.7 | 306.7 | 308.1 | 0.4 | 19.2 | 3.0 | 81. |
| 18.0 | 47.0 | 5247.2 | 525.0 | -17.9 | -32.9 | 295.2 | 10.3 | 9.9 | -2.7 | 307.0 | 308.5 | 0.5 | 25.4 | 3.8 | 86. |
| 19.2 | 49.3 | 5610.7 | 500.0 | -20.2 | -39.1 | 282.0 | 12.9 | 12.6 | -2.7 | 308.4 | 309.3 | 0.3 | 16.6 | 4.5 | 90. |
| 20.6 | 52.8 | 5995.3 | 475.0 | -22.4 | -43.9 | 272.1 | 13.1 | 13.1 | -0.5 | 310.2 | 310.8 | 0.2 | 12.2 | 5.7 | 91. |
| 22.2 | 55.8 | 6387.7 | 450.0 | -25.8 | -46.7 | 261.4 | 11.8 | 11.7 | 1.9 | 310.8 | 311.3 | 0.1 | 12.8 | 6.8 | 91. |
| 24.7 | 59.0 | 6794.9 | 425.0 | -29.4 | -49.6 | 255.3 | 10.1 | 9.7 | 2.6 | 311.3 | 311.7 | 0.1 | 11.9 | 7.8 | 91. |
| 25.4 | 62.4 | 7224.6 | 400.0 | -33.3 | -48.6 | 252.4 | 10.0 | 9.6 | 3.0 | 311.7 | 312.1 | 0.1 | 19.6 | 9.1 | 87. |
| 27.0 | 65.9 | 7674.2 | 375.0 | -37.3 | -49.0 | 260.6 | 14.0 | 13.8 | 2.4 | 312.2 | 312.6 | 0.1 | 27.8 | 9.9 | 80. |
| 28.8 | 68.4 | 8158.5 | 350.0 | -40.1 | -59.9 | 263.5 | 21.6 | 21.4 | 2.4 | 314.7 | 319.9 | 0.1 | 99.9 | 11.8 | 80. |
| 30.7 | 73.3 | 8699.3 | 325.0 | -44.2 | -59.9 | 263.9 | 25.0 | 24.8 | 2.7 | 315.7 | 319.9 | 0.1 | 99.9 | 14.5 | 85. |
| 32.5 | 77.2 | 9181.1 | 300.0 | -48.5 | -59.9 | 258.5 | 28.0 | 27.4 | 5.6 | 317.0 | 319.9 | 0.1 | 99.9 | 17.2 | 84. |
| 34.3 | 81.3 | 9744.0 | 275.0 | -52.7 | -59.9 | 252.9 | 29.6 | 28.3 | 6.7 | 318.9 | 319.9 | 0.1 | 99.9 | 20.8 | 83. |
| 36.6 | 85.9 | 10357.6 | 250.0 | -57.1 | -59.9 | 248.5 | 33.2 | 30.9 | 12.2 | 321.2 | 319.9 | 0.1 | 99.9 | 24.6 | 81. |
| 38.7 | 90.3 | 11021.2 | 225.0 | -58.2 | -59.9 | 252.5 | 31.9 | 30.4 | 9.6 | 329.3 | 319.9 | 0.1 | 99.9 | 28.9 | 79. |
| 41.1 | 96.0 | 11762.3 | 200.0 | -59.6 | -59.9 | 259.4 | 23.4 | 23.0 | 4.3 | 338.5 | 319.9 | 0.1 | 99.9 | 32.6 | 75. |
| 43.8 | 101.9 | 12608.3 | 175.0 | -55.2 | -59.9 | 256.5 | 26.5 | 25.8 | 6.2 | 358.8 | 319.9 | 0.1 | 99.9 | 37.3 | 73. |
| 46.5 | 108.3 | 13586.9 | 150.0 | -56.2 | -59.9 | 255.0 | 25.4 | 24.6 | 6.6 | 373.3 | 319.9 | 0.1 | 99.9 | 40.9 | 70. |
| 48.8 | 115.5 | 14752.4 | 125.0 | -55.6 | -59.9 | 251.5 | 20.1 | 19.0 | 6.4 | 364.4 | 319.9 | 0.1 | 99.9 | 45.3 | 76. |
| 51.0 | 124.3 | 16183.4 | 100.0 | -54.4 | -59.9 | 253.2 | 13.2 | 12.6 | 3.8 | 422.7 | 319.9 | 0.1 | 99.9 | 49.4 | 77. |
| 53.6 | 135.3 | 18045.7 | 75.0 | -52.6 | -59.9 | 245.5 | 18.5 | 16.8 | 7.7 | 462.6 | 319.9 | 0.1 | 99.9 | 54.5 | 76. |
| 56.4 | 145.5 | 20638.6 | 50.0 | -54.8 | -59.9 | 241.6 | 4.3 | 3.8 | 2.1 | 514.3 | 319.9 | 0.1 | 99.9 | 57.8 | 76. |
| 78.3 | 158.5 | 25125.8 | 25.0 | -51.2 | -59.9 | 332.5 | 6.2 | 2.9 | -5.5 | 637.6 | 319.9 | 0.1 | 99.9 | 59.4 | 77. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 662
RAPID CITY, S D
24 APRIL 1975
1735 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 15.5 | 966.0 | 901.8 | 13.9 | 4.2 | 310.0 | 15.4 | 11.8 | -9.9 | 296.4 | 312.2 | 5.8 | 52.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 15.7 | 982.8 | 900.0 | 12.9 | 3.2 | 318.2 | 16.9 | 11.2 | -12.6 | 295.5 | 310.2 | 5.4 | 51.8 | 0.2 | 42. |
| 0.9 | 16.1 | 1217.2 | 875.0 | 9.0 | 1.2 | 326.6 | 20.1 | 11.1 | -16.8 | 293.8 | 306.8 | 4.8 | 57.9 | 1.1 | 142. |
| 1.8 | 20.6 | 1456.7 | 850.0 | 6.8 | 1.2 | 325.4 | 20.2 | 11.5 | -16.6 | 293.9 | 307.3 | 4.9 | 67.4 | 2.1 | 143. |
| 2.5 | 23.1 | 1701.3 | 825.0 | 4.5 | 0.2 | 327.8 | 18.4 | 9.8 | -15.6 | 294.0 | 306.9 | 4.7 | 73.3 | 3.0 | 144. |
| 3.3 | 25.7 | 1951.4 | 800.0 | 2.6 | -0.9 | 324.1 | 22.0 | 12.9 | -17.8 | 294.5 | 306.8 | 4.5 | 77.4 | 3.9 | 145. |
| 4.1 | 28.2 | 2207.4 | 775.0 | 0.6 | -1.6 | 320.7 | 19.8 | 12.7 | -15.2 | 295.0 | 307.1 | 4.4 | 85.4 | 4.9 | 146. |
| 4.8 | 31.0 | 2459.9 | 750.0 | -2.0 | -2.9 | 314.7 | 18.2 | 12.9 | -12.8 | 294.9 | 306.4 | 4.1 | 93.8 | 5.7 | 143. |
| 5.7 | 33.9 | 2740.0 | 725.0 | -2.2 | -7.0 | 313.1 | 20.0 | 14.6 | -13.6 | 297.4 | 306.3 | 3.1 | 69.5 | 6.7 | 142. |
| 6.4 | 36.4 | 3018.4 | 700.0 | -3.2 | -8.0 | 313.4 | 18.3 | 13.3 | -12.5 | 299.3 | 307.5 | 3.0 | 69.5 | 7.6 | 141. |
| 7.1 | 39.4 | 3325.9 | 675.0 | -4.2 | -12.9 | 310.5 | 17.0 | 12.9 | -11.0 | 301.2 | 307.5 | 2.1 | 50.6 | 8.2 | 141. |
| 7.9 | 42.1 | 3602.5 | 650.0 | -5.9 | -15.3 | 301.2 | 16.0 | 13.6 | -8.3 | 302.4 | 307.8 | 1.8 | 47.3 | 9.1 | 139. |
| 8.7 | 45.1 | 3908.4 | 625.0 | -8.5 | -17.7 | 288.9 | 14.8 | 14.0 | -4.8 | 302.9 | 307.5 | 1.5 | 47.3 | 9.7 | 137. |
| 9.6 | 48.3 | 4223.7 | 600.0 | -10.9 | -18.9 | 284.7 | 16.7 | 16.2 | -4.2 | 303.7 | 308.1 | 1.4 | 51.7 | 10.3 | 135. |
| 10.3 | 51.2 | 4545.5 | 575.0 | -12.8 | -22.7 | 280.3 | 17.9 | 17.0 | -5.6 | 305.1 | 308.4 | 1.1 | 43.1 | 11.1 | 133. |
| 11.2 | 54.4 | 4887.1 | 550.0 | -15.5 | -24.5 | 292.8 | 18.8 | 17.4 | -7.3 | 305.8 | 308.8 | 0.9 | 45.6 | 12.0 | 131. |
| 12.0 | 57.4 | 5236.7 | 525.0 | -18.0 | -28.0 | 298.3 | 20.5 | 18.1 | -9.7 | 306.9 | 309.2 | 0.7 | 41.1 | 12.9 | 130. |
| 13.0 | 60.9 | 5600.2 | 500.0 | -20.1 | -36.7 | 301.7 | 21.4 | 18.2 | -11.3 | 308.5 | 309.6 | 0.3 | 21.1 | 14.0 | 129. |
| 13.9 | 64.4 | 5977.7 | 475.0 | -23.8 | -42.0 | 302.4 | 23.1 | 19.5 | -12.4 | 308.5 | 309.1 | 0.2 | 16.7 | 15.3 | 129. |
| 14.8 | 67.7 | 6370.0 | 450.0 | -27.1 | -40.2 | 304.3 | 22.5 | 18.6 | -12.7 | 309.2 | 310.0 | 0.3 | 27.3 | 16.7 | 128. |
| 15.9 | 71.1 | 6776.5 | 425.0 | -30.3 | -43.8 | 303.3 | 21.7 | 18.2 | -11.9 | 310.1 | 310.7 | 0.2 | 25.2 | 18.0 | 128. |
| 17.0 | 75.0 | 7207.2 | 400.0 | -34.1 | -46.7 | 299.9 | 22.1 | 19.1 | -11.0 | 310.6 | 311.1 | 0.1 | 26.4 | 17.4 | 127. |
| 18.1 | 78.9 | 7654.9 | 375.0 | -38.2 | -49.3 | 301.7 | 20.5 | 17.4 | -10.8 | 310.9 | 311.3 | 0.1 | 26.8 | 20.8 | 127. |
| 19.3 | 82.8 | 8125.1 | 350.0 | -42.6 | 99.9 | 308.6 | 21.7 | 17.0 | -13.5 | 311.3 | 309.9 | 99.9 | 99.9 | 22.4 | 127. |
| 20.5 | 86.8 | 8622.8 | 325.0 | -45.7 | 99.9 | 307.5 | 23.1 | 18.4 | -14.1 | 313.6 | 309.9 | 99.9 | 99.9 | 23.8 | 127. |
| 21.8 | 91.3 | 9133.4 | 300.0 | -47.6 | 99.9 | 307.3 | 24.5 | 19.5 | -14.8 | 318.3 | 309.9 | 99.9 | 99.9 | 25.8 | 127. |
| 23.1 | 95.5 | 9724.7 | 275.0 | -50.4 | 99.9 | 310.8 | 22.6 | 17.1 | -14.7 | 322.2 | 309.9 | 99.9 | 99.9 | 27.8 | 127. |
| 24.5 | 100.6 | 10343.1 | 250.0 | -53.1 | 99.9 | 302.4 | 19.0 | 16.1 | -10.2 | 327.2 | 309.9 | 99.9 | 99.9 | 29.5 | 127. |
| 25.9 | 105.6 | 11016.7 | 225.0 | -57.4 | 99.9 | 284.0 | 23.4 | 22.7 | -5.7 | 330.6 | 309.9 | 99.9 | 99.9 | 31.1 | 126. |
| 27.5 | 111.0 | 11765.9 | 200.0 | -54.7 | 99.9 | 271.7 | 25.6 | 25.6 | -0.8 | 346.2 | 309.9 | 99.9 | 99.9 | 33.3 | 124. |
| 29.4 | 116.8 | 12626.5 | 175.0 | -51.9 | 99.9 | 261.4 | 17.9 | 17.7 | 2.7 | 364.3 | 309.9 | 99.9 | 99.9 | 35.3 | 122. |
| 31.5 | 123.3 | 13616.4 | 150.0 | -55.4 | 99.9 | 252.2 | 20.0 | 19.1 | 6.1 | 374.6 | 309.9 | 99.9 | 99.9 | 36.4 | 119. |
| 33.9 | 130.5 | 14773.3 | 125.0 | -56.8 | 99.9 | 255.1 | 22.2 | 22.1 | 1.9 | 392.1 | 309.9 | 99.9 | 99.9 | 39.4 | 116. |
| 36.8 | 136.0 | 16204.9 | 100.0 | -52.1 | 99.9 | 259.9 | 9.2 | 9.0 | 1.6 | 427.2 | 309.9 | 99.9 | 99.9 | 42.2 | 114. |
| 40.4 | 146.3 | 18049.8 | 75.0 | -50.0 | 99.9 | 233.1 | 13.0 | 10.4 | 7.8 | 468.2 | 309.9 | 99.9 | 99.9 | 43.2 | 111. |
| 47.7 | 155.3 | 20670.0 | 50.0 | -51.9 | 99.9 | 236.7 | 2.9 | 2.4 | 1.6 | 521.2 | 309.9 | 99.9 | 99.9 | 43.4 | 110. |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE 1
OF POOR QUALITY

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER24 APRIL 1975
1725 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.9 | 180.0 | 997.1 | 23.5 | 18.4 | 180.0 | 3.6 | 0.0 | 3.6 | 298.7 | 334.3 | 13.5 | 73.0 | 0.0 | 0. |
| 99.9 | 99.9 | 999.0 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.7 | 7.7 | 375.4 | 975.0 | 21.1 | 17.7 | 203.1 | 12.0 | 4.7 | 11.0 | 298.2 | 333.0 | 13.2 | 80.9 | 0.4 | 1. |
| 1.5 | 10.0 | 600.4 | 950.0 | 19.4 | 16.1 | 209.9 | 13.0 | 6.5 | 11.3 | 298.7 | 335.3 | 13.9 | 92.2 | 1.0 | 2. |
| 2.4 | 15.1 | 829.4 | 925.0 | 16.4 | 16.0 | 214.0 | 13.8 | 7.7 | 11.4 | 297.8 | 330.8 | 12.5 | 97.5 | 1.7 | 2. |
| 3.5 | 14.4 | 1063.2 | 900.0 | 15.1 | 14.6 | 224.2 | 16.5 | 11.5 | 11.9 | 296.7 | 329.8 | 11.7 | 96.9 | 2.6 | 3. |
| 4.6 | 14.5 | 1302.2 | 875.0 | 14.0 | 13.2 | 234.0 | 21.6 | 17.4 | 12.7 | 296.8 | 329.2 | 11.0 | 94.7 | 3.7 | 3. |
| 5.3 | 18.9 | 1547.1 | 850.0 | 13.5 | 10.5 | 242.9 | 20.2 | 14.0 | 9.2 | 301.5 | 327.2 | 9.5 | 82.4 | 4.8 | 4. |
| 6.4 | 21.2 | 1799.0 | 825.0 | 13.3 | 6.5 | 251.8 | 16.7 | 15.8 | 5.2 | 303.7 | 324.2 | 7.4 | 63.1 | 5.6 | 4. |
| 7.4 | 23.6 | 2057.6 | 800.0 | 11.4 | 5.9 | 254.9 | 15.7 | 15.1 | 4.1 | 308.2 | 324.5 | 7.3 | 68.5 | 6.7 | 5. |
| 9.5 | 25.9 | 2322.4 | 775.0 | 9.8 | 3.6 | 259.9 | 16.7 | 16.4 | 2.9 | 305.2 | 323.3 | 6.4 | 65.5 | 7.6 | 5. |
| 9.5 | 28.4 | 2594.1 | 750.0 | 7.4 | 2.2 | 262.1 | 17.1 | 17.0 | 2.3 | 305.4 | 322.4 | 6.0 | 69.5 | 8.6 | 5. |
| 10.5 | 31.1 | 2872.5 | 725.0 | 5.2 | 0.6 | 259.7 | 19.3 | 18.9 | 3.5 | 305.9 | 321.6 | 5.5 | 72.2 | 9.5 | 6. |
| 11.6 | 33.7 | 3156.5 | 700.0 | 3.0 | 0.9 | 256.5 | 20.3 | 19.7 | 4.7 | 308.5 | 323.2 | 5.8 | 68.0 | 10.4 | 6. |
| 12.4 | 36.3 | 3453.3 | 675.0 | 4.0 | -21.5 | 253.6 | 25.1 | 24.1 | 7.1 | 310.3 | 314.2 | 1.3 | 16.9 | 12.3 | 6. |
| 13.9 | 38.0 | 3759.6 | 650.0 | 3.4 | -47.8 | 251.3 | 27.3 | 25.9 | 8.7 | 310.0 | 313.1 | 0.1 | 1.0 | 14.2 | 6. |
| 15.1 | 41.6 | 4076.3 | 625.0 | 0.6 | -14.9 | 251.5 | 27.7 | 26.2 | 8.8 | 313.4 | 319.4 | 1.9 | 30.2 | 16.2 | 6. |
| 16.3 | 44.5 | 4402.2 | 600.0 | -2.5 | -21.7 | 254.7 | 25.7 | 24.8 | 6.8 | 313.4 | 317.1 | 1.1 | 21.4 | 18.1 | 6. |
| 17.5 | 47.5 | 4738.3 | 575.0 | -4.5 | -41.4 | 254.2 | 26.0 | 25.0 | 7.1 | 315.7 | 315.5 | 0.2 | 5.0 | 19.2 | 6. |
| 18.6 | 50.6 | 5086.6 | 550.0 | -7.3 | -29.4 | 255.9 | 26.0 | 25.2 | 6.3 | 315.4 | 317.5 | 0.6 | 15.2 | 21.6 | 6. |
| 19.4 | 53.6 | 5446.5 | 525.0 | -10.8 | -25.3 | 258.9 | 26.3 | 25.8 | 5.1 | 315.5 | 319.5 | 0.9 | 29.1 | 23.3 | 6. |
| 20.1 | 56.7 | 5816.3 | 500.0 | -13.7 | -44.2 | 262.4 | 30.1 | 28.8 | 4.0 | 310.3 | 317.4 | 0.3 | 11.7 | 25.5 | 6. |
| 21.7 | 59.0 | 6204.1 | 475.0 | -15.3 | -59.6 | 265.6 | 30.8 | 30.7 | 1.8 | 319.0 | 319.1 | 0.0 | 1.0 | 27.7 | 7. |
| 23.7 | 63.4 | 6614.2 | 450.0 | -17.9 | -61.3 | 269.4 | 27.3 | 27.3 | 0.6 | 320.7 | 320.8 | 0.0 | 1.0 | 30.1 | 7. |
| 25.2 | 66.9 | 7019.2 | 425.0 | -20.8 | -63.2 | 272.4 | 25.0 | 25.0 | -1.1 | 322.2 | 322.3 | 0.0 | 1.0 | 32.4 | 7. |
| 26.8 | 70.5 | 7444.3 | 400.0 | -24.4 | -65.5 | 272.1 | 27.1 | 27.1 | -1.0 | 323.2 | 323.2 | 0.0 | 1.0 | 34.8 | 7. |
| 28.5 | 74.1 | 7950.5 | 375.0 | -28.5 | -68.2 | 268.9 | 25.1 | 25.0 | 1.4 | 323.9 | 323.9 | 0.0 | 1.0 | 37.2 | 7. |
| 30.2 | 78.5 | 8441.7 | 350.0 | -31.6 | -70.4 | 268.1 | 26.4 | 26.4 | 0.9 | 325.7 | 325.9 | 0.0 | 1.0 | 39.7 | 7. |
| 31.3 | 82.6 | 8900.5 | 325.0 | -36.5 | -73.4 | 270.0 | 23.5 | 23.5 | 0.0 | 326.3 | 326.3 | 0.0 | 1.0 | 42.1 | 7. |
| 33.3 | 85.9 | 9309.9 | 300.0 | -41.2 | -99.9 | 268.9 | 29.4 | 28.4 | 0.6 | 327.4 | 999.9 | 99.9 | 99.9 | 44.6 | 7. |
| 35.1 | 91.9 | 10094.6 | 275.0 | -46.2 | -99.9 | 276.5 | 27.4 | 27.2 | -3.1 | 328.3 | 999.9 | 99.9 | 99.9 | 47.5 | 7. |
| 36.9 | 95.6 | 10721.4 | 250.0 | -51.2 | -99.9 | 283.6 | 24.5 | 23.4 | -5.9 | 330.0 | 999.9 | 99.9 | 99.9 | 50.3 | 8. |
| 39.1 | 102.0 | 11395.3 | 225.0 | -55.7 | -99.9 | 297.2 | 24.2 | 23.1 | -7.2 | 331.2 | 999.9 | 99.9 | 99.9 | 52.9 | 8. |
| 41.4 | 108.0 | 12140.5 | 200.0 | -50.9 | -99.9 | 278.7 | 22.6 | 22.4 | -3.4 | 337.9 | 999.9 | 99.9 | 99.9 | 56.0 | 8. |
| 44.0 | 114.3 | 12967.0 | 175.0 | -62.5 | -99.9 | 263.4 | 28.9 | 28.7 | 3.3 | 340.9 | 999.9 | 99.9 | 99.9 | 59.8 | 8. |
| 47.0 | 121.3 | 13923.0 | 150.0 | -60.0 | -99.9 | 276.6 | 32.7 | 32.7 | 1.9 | 368.7 | 999.9 | 99.9 | 99.9 | 65.7 | 8. |
| 50.3 | 129.0 | 15061.9 | -25.0 | -60.3 | -99.9 | 265.4 | 26.6 | 26.6 | 0.2 | 385.9 | 999.9 | 99.9 | 99.9 | 71.1 | 8. |
| 54.4 | 137.3 | 16431.1 | 100.0 | -65.2 | -99.9 | 275.1 | 22.5 | 22.4 | -2.0 | 401.9 | 999.9 | 99.9 | 99.9 | 77.4 | 8. |
| 58.5 | 146.3 | 18161.1 | 75.0 | -67.3 | -99.9 | 234.9 | 6.8 | 5.6 | 3.9 | 431.8 | 999.9 | 99.9 | 99.9 | 82.1 | 8. |
| 64.5 | 156.3 | 20661.6 | 50.0 | -59.3 | -99.9 | 105.4 | 2.8 | -2.7 | 0.7 | 503.8 | 999.9 | 99.9 | 99.9 | 84.8 | 8. |
| 71.4 | 167.0 | 25099.5 | 25.0 | -50.8 | -99.9 | 66.7 | 5.6 | -5.1 | -2.2 | 638.7 | 999.9 | 99.9 | 99.9 | 83.2 | 8. |

ORIGINAL PAGE IS
OF POOR QUALITY

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22002
FT. SILL, OKLA

24 APRIL 1975
1850 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.7 | 362.0 | 966.6 | 28.0 | 15.6 | 190.0 | 4.1 | 0.7 | 4.0 | 305.7 | 227.6 | 11.7 | 47.0 | 0.7 | 0 |
| 99.9 | 99.9 | 99.9 | 1008.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 10.1 | 515.3 | 975.0 | 25.2 | 15.4 | 205.0 | 6.5 | 2.9 | 5.8 | 304.4 | 335.1 | 11.7 | 54.3 | 0.2 | 5 |
| 1.2 | 12.1 | 749.2 | 925.0 | 23.1 | 13.6 | 206.6 | 6.9 | 3.1 | 6.2 | 304.4 | 333.5 | 10.7 | 55.1 | 0.5 | 17 |
| 2.2 | 14.4 | 967.7 | 900.0 | 21.2 | 13.1 | 212.4 | 7.4 | 4.0 | 6.3 | 304.8 | 333.8 | 10.6 | 60.1 | 1.6 | 21 |
| 3.2 | 16.5 | 1231.2 | 875.0 | 18.8 | 11.9 | 218.9 | 8.5 | 5.4 | 6.6 | 304.6 | 332.4 | 10.1 | 64.4 | 1.4 | 27 |
| 4.3 | 18.8 | 1479.7 | 850.0 | 18.9 | -2.3 | 248.3 | 7.4 | 6.7 | 3.2 | 308.5 | 318.4 | 4.1 | 64.4 | 1.9 | 32 |
| 5.4 | 20.9 | 1735.7 | 825.0 | 18.5 | -4.8 | 247.6 | 10.5 | 9.7 | 4.0 | 308.6 | 318.3 | 3.2 | 20.0 | 2.3 | 40 |
| 6.3 | 23.3 | 1968.4 | 800.0 | 16.9 | -6.1 | 242.3 | 13.0 | 11.5 | 6.0 | 309.5 | 318.6 | 0.0 | 20.1 | 3.3 | 46 |
| 7.4 | 25.7 | 2267.7 | 775.0 | 14.7 | -7.5 | 236.3 | 13.5 | 10.8 | 8.0 | 310.0 | 318.4 | 2.8 | 20.9 | 3.6 | 49 |
| 8.4 | 28.1 | 2543.4 | 750.0 | 12.5 | -9.0 | 237.9 | 14.6 | 12.3 | 7.7 | 310.4 | 319.2 | 2.6 | 21.3 | 4.7 | 50 |
| 9.5 | 30.7 | 2826.3 | 725.0 | 10.1 | -10.9 | 243.7 | 14.6 | 13.1 | 6.5 | 310.8 | 317.9 | 2.3 | 21.4 | 5.7 | 52 |
| 10.7 | 33.3 | 3116.8 | 700.0 | 8.1 | -12.6 | 238.5 | 15.3 | 13.1 | 8.0 | 311.7 | 318.2 | 2.1 | 21.5 | 6.7 | 53 |
| 11.9 | 35.8 | 3415.4 | 675.0 | 5.3 | -13.4 | 232.8 | 15.8 | 12.6 | 9.5 | 311.8 | 318.0 | 2.0 | 24.3 | 7.8 | 54 |
| 13.1 | 38.5 | 3722.0 | 650.0 | 2.3 | -7.1 | 230.4 | 17.0 | 13.1 | 10.9 | 312.0 | 322.6 | 3.5 | 51.1 | 9.0 | 53 |
| 14.3 | 41.1 | 4037.8 | 625.0 | -0.3 | -3.2 | 230.5 | 18.4 | 14.2 | 11.7 | 312.8 | 327.2 | 4.9 | 80.9 | 10.3 | 53 |
| 15.5 | 44.0 | 4363.2 | 600.0 | -2.6 | -10.6 | 232.7 | 19.3 | 15.3 | 11.7 | 313.4 | 318.8 | 1.7 | 33.0 | 11.6 | 53 |
| 16.8 | 47.0 | 4699.1 | 575.0 | -5.2 | -19.3 | 226.7 | 20.7 | 15.6 | 13.7 | 314.1 | 318.7 | 1.4 | 32.0 | 13.1 | 53 |
| 18.1 | 50.1 | 5046.7 | 550.0 | -8.0 | -22.0 | 230.2 | 22.4 | 17.2 | 14.3 | 314.7 | 318.6 | 1.2 | 31.3 | 14.8 | 52 |
| 19.4 | 53.0 | 5406.1 | 525.0 | -11.1 | -24.5 | 235.3 | 24.1 | 19.8 | 13.7 | 315.2 | 318.4 | 1.0 | 32.0 | 16.6 | 52 |
| 20.7 | 56.1 | 5778.9 | 500.0 | -13.7 | -30.6 | 245.4 | 26.2 | 23.8 | 10.9 | 316.4 | 316.4 | 0.6 | 32.4 | 18.7 | 53 |
| 22.1 | 59.4 | 6167.6 | 475.0 | -15.9 | -33.6 | 245.9 | 28.3 | 26.7 | 11.9 | 318.2 | 319.9 | 0.5 | 20.1 | 20.9 | 55 |
| 23.5 | 62.9 | 6573.3 | 450.0 | -18.2 | -35.5 | 243.7 | 28.6 | 25.7 | 12.7 | 320.3 | 321.8 | 0.4 | 22.7 | 23.3 | 56 |
| 25.0 | 66.4 | 6957.3 | 425.0 | -21.7 | -37.3 | 242.1 | 27.5 | 24.3 | 12.9 | 321.2 | 322.5 | 0.4 | 22.7 | 26.0 | 56 |
| 26.5 | 70.1 | 7440.3 | 400.0 | -25.8 | -39.4 | 241.1 | 26.9 | 25.3 | 14.0 | 321.4 | 322.5 | 0.3 | 24.9 | 28.3 | 57 |
| 28.0 | 73.8 | 7904.5 | 375.0 | -29.7 | -43.3 | 241.2 | 26.8 | 26.1 | 14.3 | 322.3 | 323.1 | 0.2 | 25.1 | 31.1 | 57 |
| 29.5 | 77.2 | 8392.6 | 350.0 | -33.4 | -48.0 | 242.3 | 31.0 | 27.4 | 14.4 | 323.7 | 324.3 | 0.2 | 26.7 | 33.6 | 58 |
| 31.2 | 82.0 | 8908.3 | 325.0 | -37.9 | -49.9 | 243.6 | 33.2 | 29.7 | 14.7 | 324.4 | 324.9 | 0.1 | 26.8 | 36.8 | 58 |
| 32.9 | 86.2 | 9454.5 | 300.0 | -42.3 | 99.9 | 251.0 | 34.1 | 32.2 | 11.1 | 325.7 | 999.9 | 99.9 | 99.9 | 40.3 | 59 |
| 34.7 | 91.0 | 10036.9 | 275.0 | -46.8 | 99.9 | 258.3 | 34.3 | 33.5 | 7.1 | 327.5 | 999.9 | 99.9 | 99.9 | 43.7 | 60 |
| 36.7 | 96.0 | 10663.1 | 250.0 | -51.0 | 99.9 | 261.0 | 31.9 | 31.5 | 5.0 | 330.3 | 999.9 | 99.9 | 99.9 | 48.0 | 62 |
| 38.7 | 101.0 | 11340.6 | 225.0 | -56.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 332.6 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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OF POOR QUALITY

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SECRET VALUE IS

Sounding Data

24 April 1975

2100 GMT

STATION NO. 208
CHARLESTON, SC24 APRIL 1975
2100 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | EM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.4 | 13.0 | 1019.0 | 24.4 | 16.6 | 200.0 | 7.2 | 2.5 | 6.8 | 297.6 | 328.7 | 11.8 | 62.0 | 0.0 | 0. |
| 0.6 | 6.0 | 177.3 | 1000.0 | 21.8 | 14.1 | 212.1 | 9.6 | 5.1 | 8.1 | 296.3 | 323.2 | 10.2 | 61.5 | 0.4 | 27. |
| 1.6 | 8.2 | 356.7 | 975.0 | 20.2 | 14.3 | 205.3 | 11.7 | 5.7 | 10.2 | 297.0 | 325.0 | 10.6 | 64.8 | 1.1 | 28. |
| 2.4 | 10.5 | 620.4 | 955.0 | 17.7 | 13.8 | 215.9 | 11.5 | 6.7 | 9.3 | 296.6 | 324.4 | 10.6 | 70.2 | 1.6 | 30. |
| 3.2 | 12.5 | 648.2 | 945.0 | 15.7 | 13.7 | 220.7 | 10.5 | 6.9 | 8.0 | 296.8 | 325.2 | 10.7 | 88.0 | 2.2 | 32. |
| 4.2 | 15.1 | 1080.7 | 905.0 | 14.4 | 11.6 | 228.8 | 10.6 | 6.0 | 7.0 | 296.8 | 325.2 | 9.6 | 83.6 | 2.9 | 35. |
| 5.0 | 17.4 | 1419.0 | 875.0 | 14.2 | 3.1 | 225.4 | 9.4 | 6.7 | 6.6 | 299.3 | 314.6 | 5.5 | 87.2 | 3.2 | 37. |
| 6.1 | 15.7 | 133.5 | 856.0 | 13.0 | 3.5 | 218.2 | 8.6 | 4.8 | 7.1 | 310.5 | 316.7 | 5.8 | 52.6 | 3.8 | 37. |
| 7.0 | 22.3 | 1813.9 | 825.0 | 12.2 | -6.0 | 215.7 | 9.5 | 5.6 | 7.7 | 301.9 | 310.5 | 3.0 | 30.7 | 4.3 | 37. |
| 8.0 | 24.6 | 2071.5 | 805.0 | 12.0 | -12.7 | 211.5 | 9.3 | 7.3 | 5.8 | 304.2 | 310.0 | 1.9 | 17.5 | 4.8 | 34. |
| 9.0 | 26.9 | 2336.4 | 775.0 | 10.7 | -2.0 | 243.2 | 9.4 | 8.6 | 4.3 | 303.9 | 318.3 | 4.3 | 41.0 | 5.4 | 40. |
| 10.1 | 25.6 | 2509.6 | 755.0 | 5.8 | -2.1 | 222.0 | 10.0 | 9.9 | 1.4 | 307.8 | 320.6 | 4.4 | 43.3 | 5.9 | 43. |
| 11.2 | 22.1 | 2800.5 | 725.0 | 6.1 | -1.9 | 276.7 | 11.2 | 11.1 | -1.3 | 308.9 | 322.3 | 4.6 | 49.2 | 6.4 | 44. |
| 12.3 | 35.1 | 3176.2 | 705.0 | 5.9 | -2.2 | 279.9 | 12.6 | 12.4 | -2.2 | 309.6 | 323.2 | 4.7 | 55.8 | 6.9 | 53. |
| 13.5 | 37.7 | 3476.5 | 675.0 | 4.5 | -3.8 | 283.7 | 12.0 | 11.6 | -2.9 | 311.2 | 324.0 | 4.3 | 55.1 | 7.6 | 58. |
| 14.6 | 40.5 | 3783.5 | 650.0 | 3.0 | -7.1 | 295.0 | 14.1 | 12.6 | -6.2 | 312.6 | 323.3 | 3.5 | 47.5 | 8.1 | 42. |
| 15.9 | 43.3 | 4053.9 | 625.0 | 0.5 | -9.3 | 301.0 | 16.4 | 14.0 | -6.4 | 313.4 | 322.7 | 3.0 | 47.5 | 8.8 | 49. |
| 17.0 | 46.4 | 4426.4 | 605.0 | -1.9 | -9.7 | 295.6 | 14.8 | 13.4 | -6.4 | 314.3 | 323.6 | 3.1 | 55.1 | 9.6 | 74. |
| 18.3 | 45.5 | 4763.7 | 575.0 | -4.2 | -8.7 | 246.5 | 14.2 | 13.6 | -4.0 | 315.5 | 326.0 | 3.4 | 70.6 | 10.4 | 78. |
| 19.5 | 52.4 | 5112.9 | 550.0 | -6.2 | -13.5 | 286.0 | 14.2 | 13.6 | -3.9 | 317.0 | 324.7 | 2.5 | 56.7 | 11.4 | 70. |
| 20.4 | 55.7 | 5475.4 | 525.0 | -8.9 | -19.3 | 294.7 | 14.8 | 13.4 | -6.2 | 317.9 | 323.0 | 1.6 | 42.4 | 12.3 | 47. |
| 22.1 | 56.0 | 5851.0 | 505.0 | -12.0 | -21.2 | 305.1 | 15.0 | 12.3 | -8.6 | 319.6 | 323.2 | 1.4 | 45.8 | 13.3 | 46. |
| 23.4 | 62.4 | 6242.0 | 475.0 | -14.6 | -29.3 | 305.7 | 14.2 | 11.5 | -8.3 | 320.0 | 323.7 | 1.1 | 43.3 | 14.2 | 59. |
| 24.8 | 65.4 | 6645.5 | 450.0 | -17.0 | -43.5 | 306.8 | 12.6 | 9.8 | -7.9 | 321.8 | 322.6 | 0.2 | 9.5 | 15.1 | 42. |
| 26.4 | 69.6 | 7075.4 | 425.0 | -20.3 | -44.0 | 308.5 | 15.1 | 11.6 | -5.6 | 322.8 | 323.5 | 0.2 | 10.0 | 16.1 | 44. |
| 28.0 | 73.2 | 7521.3 | 405.0 | -24.0 | -41.5 | 308.0 | 17.3 | 14.0 | -10.2 | 323.7 | 324.6 | 0.3 | 18.4 | 17.4 | 97. |
| 29.7 | 77.2 | 7949.1 | 375.0 | -27.8 | -44.6 | 303.1 | 14.3 | 12.0 | -7.8 | 324.7 | 325.2 | 0.1 | 11.6 | 18.8 | 35. |
| 31.5 | 81.2 | 8411.3 | 350.0 | -31.1 | -51.0 | 308.4 | 13.9 | 11.9 | -7.1 | 326.8 | 327.1 | 0.1 | 11.9 | 20.2 | 171. |
| 33.4 | 85.4 | 9001.9 | 325.0 | -35.7 | -54.5 | 295.5 | 15.5 | 13.5 | -7.7 | 327.4 | 327.7 | 0.1 | 12.4 | 21.9 | 173. |
| 35.5 | 89.9 | 9534.3 | 305.0 | -40.1 | 99.9 | 300.1 | 14.6 | 12.6 | -7.3 | 328.9 | 999.9 | 99.9 | 999.9 | 23.9 | 144. |
| 37.4 | 94.8 | 10140.0 | 275.0 | -45.6 | 99.9 | 292.4 | 16.4 | 15.2 | -4.3 | 329.3 | 999.9 | 99.9 | 999.9 | 25.7 | 105. |
| 40.2 | 98.6 | 10767.9 | 255.0 | -51.0 | 99.9 | 295.5 | 16.3 | 14.7 | -7.0 | 330.3 | 999.9 | 99.9 | 999.9 | 28.2 | 134. |
| 43.1 | 104.6 | 11444.5 | 225.0 | -54.0 | 99.9 | 249.2 | 17.6 | 17.6 | -5.8 | 332.6 | 999.9 | 99.9 | 999.9 | 31.0 | 176. |
| 46.1 | 117.4 | 12148.0 | 200.0 | -59.3 | 99.9 | 240.8 | 22.4 | 22.0 | -4.2 | 338.6 | 999.9 | 99.9 | 999.9 | 34.6 | 164. |
| 49.5 | 116.5 | 13021.3 | 175.0 | -59.9 | 99.9 | 280.1 | 29.7 | 29.2 | -5.3 | 331.0 | 999.9 | 99.9 | 999.9 | 39.5 | 105. |
| 53.2 | 123.3 | 13669.3 | 150.0 | -59.2 | 99.9 | 283.3 | 25.1 | 23.7 | -8.3 | 336.1 | 999.9 | 99.9 | 999.9 | 45.9 | 135. |
| 57.7 | 130.4 | 15125.0 | 125.0 | -62.6 | 99.9 | 285.5 | 21.3 | 20.6 | -5.3 | 331.7 | 999.9 | 99.9 | 999.9 | 52.1 | 106. |
| 63.0 | 126.8 | 14600.9 | 100.0 | -62.9 | 99.9 | 246.1 | 16.8 | 16.8 | 0.6 | 334.6 | 999.9 | 99.9 | 999.9 | 59.0 | 144. |
| 69.6 | 147.3 | 16209.1 | 75.0 | -68.2 | 99.9 | 315.0 | 4.7 | 4.4 | -5.0 | 430.0 | 999.9 | 99.9 | 999.9 | 64.9 | 164. |
| 79.1 | 157.0 | 20703.8 | 50.0 | -59.5 | 99.9 | 325.6 | 6.7 | 2.4 | -4.0 | 503.3 | 999.9 | 99.9 | 999.9 | 67.1 | 136. |
| 94.3 | 147.5 | 25138.5 | 25.0 | -51.3 | 99.9 | 342.3 | 7.6 | 2.3 | -7.2 | 637.4 | 999.9 | 99.9 | 999.9 | 69.1 | 108. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 211
TAMPA, FLA24 APRIL 1975
2030 GMT

| TIME MIN | CATCT | HEIGHT CFM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT Y DEG K | E POT Y DEG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 00 | 402 | 000 | 1010.0 | 21.4 | 13.2 | 150.0 | 1.0 | -0.5 | 0.9 | 304.2 | 330.1 | 9.4 | 33.0 | 0.0 | 00 |
| 01 | 507 | 175.3 | 1000.0 | 27.3 | 9.4 | 72.5 | 1.8 | -1.7 | -0.5 | 301.5 | 322.0 | 7.4 | 32.5 | 0.1 | 323 |
| 02 | 709 | 398.6 | 975.0 | 26.0 | 8.6 | 133.6 | 4.4 | -3.2 | 3.1 | 302.3 | 322.2 | 7.2 | 33.3 | 0.3 | 311 |
| 03 | 10.1 | 604 | 950.0 | 23.8 | 8.2 | 117.3 | 4.7 | -4.2 | 2.2 | 302.4 | 322.4 | 7.2 | 36.9 | 0.6 | 307 |
| 04 | 12.3 | 659.6 | 925.0 | 21.5 | 8.3 | 127.7 | 5.3 | -4.2 | 3.2 | 302.3 | 322.4 | 7.4 | 42.7 | 0.9 | 305 |
| 05 | 14.6 | 1095.3 | 900.0 | 19.4 | 8.7 | 127.7 | 5.6 | -4.6 | 3.5 | 302.6 | 324.2 | 7.9 | 45.9 | 1.3 | 307 |
| 06 | 16.8 | 1336.7 | 875.0 | 16.7 | 8.0 | 113.4 | 5.7 | -5.2 | 2.3 | 302.2 | 323.5 | 7.7 | 50.1 | 1.7 | 305 |
| 07 | 19.3 | 1563.0 | 850.0 | 14.4 | 6.7 | 97.1 | 5.7 | -5.6 | 0.7 | 302.2 | 322.3 | 7.3 | 55.7 | 2.0 | 302 |
| 08 | 21.5 | 1834.7 | 825.0 | 12.4 | 5.2 | 83.4 | 5.4 | -5.4 | -0.6 | 302.6 | 321.3 | 6.7 | 61.3 | 2.4 | 296 |
| 09 | 24.1 | 2052.1 | 800.0 | 10.2 | 3.8 | 102.9 | 4.9 | -4.8 | 1.1 | 302.9 | 320.5 | 6.3 | 64.1 | 2.6 | 294 |
| 10 | 26.4 | 2355.4 | 775.0 | 8.1 | -1.4 | 107.7 | 5.0 | -4.8 | 1.5 | 303.1 | 315.9 | 4.5 | 51.0 | 3.0 | 294 |
| 11 | 28.6 | 2651.1 | 750.0 | 6.3 | -22.2 | 93.1 | 3.9 | -3.9 | 0.2 | 305.7 | 308.4 | 0.9 | 9.4 | 3.3 | 293 |
| 12 | 31.0 | 2904.9 | 725.0 | 7.6 | -23.4 | 44.5 | 2.4 | -1.7 | -1.7 | 307.9 | 310.5 | 0.8 | 8.0 | 3.4 | 291 |
| 13 | 34.6 | 3194.1 | 700.0 | 8.2 | -15.4 | 0.5 | 4.5 | -0.0 | -4.5 | 311.7 | 317.0 | 1.7 | 17.4 | 3.4 | 290 |
| 14 | 37.1 | 3493.0 | 675.0 | 6.0 | -11.3 | 353.6 | 6.4 | 0.5 | -6.4 | 312.7 | 320.1 | 2.4 | 27.5 | 3.3 | 289 |
| 15 | 40.0 | 3801.2 | 650.0 | 4.4 | -13.1 | 345.6 | 9.6 | 1.4 | -5.5 | 314.2 | 320.9 | 2.1 | 26.6 | 3.1 | 273 |
| 16 | 42.6 | 4119.3 | 625.0 | 1.9 | -8.5 | 343.7 | 7.6 | 2.1 | -7.3 | 315.0 | 324.8 | 3.2 | 46.1 | 3.0 | 265 |
| 17 | 45.6 | 4447.1 | 600.0 | -0.7 | -8.3 | 353.2 | 9.8 | 1.2 | -9.8 | 315.7 | 326.1 | 3.4 | 56.2 | 3.0 | 253 |
| 18 | 48.6 | 4786.4 | 575.0 | -2.1 | -12.8 | 345.6 | 10.1 | 1.8 | -10.0 | 317.8 | 325.7 | 2.5 | 43.9 | 3.3 | 239 |
| 19 | 51.6 | 5136.2 | 550.0 | -3.3 | -17.3 | 327.3 | 7.7 | 4.2 | -6.5 | 320.4 | 326.2 | 1.8 | 32.7 | 3.5 | 226 |
| 20 | 54.9 | 5505.6 | 525.0 | -5.7 | -16.8 | 310.2 | 8.2 | 6.2 | -5.3 | 321.8 | 326.1 | 2.0 | 41.0 | 3.6 | 214 |
| 21 | 58.3 | 5866.3 | 500.0 | -8.7 | -18.3 | 298.7 | 9.9 | 8.7 | -4.7 | 322.6 | 328.5 | 1.9 | 45.4 | 3.6 | 204 |
| 22 | 61.4 | 6281.9 | 475.0 | -11.7 | -22.6 | 257.6 | 10.1 | 9.0 | -4.7 | 323.7 | 328.0 | 1.3 | 39.6 | 3.8 | 194 |
| 23 | 65.0 | 6653.5 | 450.0 | -15.1 | -25.0 | 310.8 | 10.1 | 7.6 | -6.6 | 324.4 | 328.5 | 1.2 | 46.3 | 4.2 | 179 |
| 24 | 68.4 | 7123.0 | 425.0 | -18.4 | -27.2 | 315.4 | 10.7 | 7.5 | -7.6 | 325.5 | 328.7 | 1.0 | 42.5 | 5.0 | 171 |
| 25 | 72.1 | 7573.3 | 400.0 | -20.9 | -30.0 | 305.3 | 12.3 | 10.0 | -7.1 | 327.8 | 329.7 | 0.5 | 29.5 | 6.0 | 163 |
| 26 | 76.1 | 8047.0 | 375.0 | -24.3 | -37.3 | 295.8 | 13.7 | 11.9 | -6.8 | 329.4 | 330.9 | 0.4 | 28.8 | 7.2 | 156 |
| 27 | 80.1 | 8545.3 | 350.0 | -29.0 | -40.5 | 298.4 | 13.7 | 12.0 | -6.5 | 329.6 | 330.8 | 0.3 | 31.5 | 8.4 | 150 |
| 28 | 84.3 | 9071.3 | 325.0 | -32.5 | -46.4 | 286.6 | 16.8 | 16.1 | -4.8 | 331.8 | 332.5 | 0.2 | 21.2 | 9.8 | 144 |
| 29 | 88.6 | 9631.2 | 300.0 | -36.7 | -51.4 | 280.9 | 20.3 | 19.2 | -6.0 | 333.5 | 333.9 | 0.1 | 26.0 | 11.9 | 136 |
| 30 | 93.4 | 10226.5 | 275.0 | -42.2 | -58.9 | 250.9 | 20.4 | 19.0 | -7.2 | 334.2 | 334.9 | 0.9 | 99.9 | 14.2 | 132 |
| 31 | 98.3 | 10864.0 | 250.0 | -46.3 | -63.9 | 297.9 | 20.9 | 23.8 | -12.6 | 337.3 | 339.9 | 9.9 | 99.9 | 17.5 | 124 |
| 32 | 103.5 | 11544.2 | 225.0 | -52.6 | -69.9 | 294.8 | 20.8 | 26.6 | -13.4 | 337.9 | 339.9 | 9.9 | 99.9 | 21.4 | 126 |
| 33 | 108.5 | 12303.0 | 200.0 | -59.4 | -76.9 | 293.6 | 30.0 | 28.2 | -12.3 | 338.2 | 339.9 | 9.9 | 99.9 | 25.6 | 124 |
| 34 | 113.5 | 13127.6 | 175.0 | -63.8 | -83.8 | 285.4 | 28.1 | 28.2 | -7.2 | 344.6 | 339.9 | 9.9 | 99.9 | 31.7 | 121 |
| 35 | 118.5 | 14087.8 | 150.0 | -60.5 | -90.9 | 293.9 | 21.7 | 19.9 | -8.8 | 365.9 | 339.9 | 9.9 | 99.9 | 37.2 | 120 |
| 36 | 123.3 | 15087.8 | 125.0 | -64.7 | -98.9 | 270.7 | 20.3 | 20.3 | -0.3 | 377.8 | 339.9 | 9.9 | 99.9 | 41.8 | 118 |
| 37 | 128.3 | 16100.0 | 100.0 | -70.3 | -98.9 | 285.3 | 18.2 | 13.7 | -3.6 | 391.9 | 339.9 | 9.9 | 99.9 | 46.9 | 116 |
| 38 | 133.3 | 17155.0 | 75.0 | -71.2 | -98.9 | 350.1 | 6.5 | 1.1 | -6.4 | 423.6 | 339.9 | 9.9 | 99.9 | 50.8 | 117 |
| 39 | 138.3 | 18247.1 | 50.0 | -59.9 | -98.9 | 50.2 | 1.6 | -1.3 | -0.9 | 502.5 | 339.9 | 9.9 | 99.9 | 50.5 | 116 |
| 40 | 143.3 | 20703.7 | 25.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 211
V. CROSS, GA

24 APRIL 1975
2102 GMT

| TIME MIN | CATCT | EIGHT GPM | PRE MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PG T DG K | E POT T DG K | W RTD G/SEC | RM PCT | RANGE RM | AZ DG |
|-------------|-------|--------------|-----------|--------------|----------------|-----------|----------------|-----------------|-----------------|--------------|-----------------|----------------|-----------|-------------|----------|
| 0.0 | 4.3 | 44.0 | 1013.7 | 29.2 | 15.0 | 230.0 | 4.1 | 3.1 | 2.6 | 302.6 | 331.5 | 10.6 | 42.0 | 0.0 | 0. |
| 0.4 | 5.1 | 104.8 | 1000.0 | 26.6 | 14.5 | 166.9 | 5.3 | 0.6 | 5.2 | 301.5 | 330.3 | 10.7 | 47.7 | 0.2 | 14. |
| 1.0 | 6.9 | 367.9 | 975.0 | 24.6 | 13.0 | 161.0 | 4.2 | 0.1 | 4.2 | 301.3 | 328.3 | 10.0 | 49.5 | 0.3 | 11. |
| 1.7 | 9.1 | 615.1 | 950.0 | 22.4 | 12.5 | 158.6 | 4.2 | 1.3 | 4.0 | 301.3 | 327.4 | 0.6 | 53.3 | 0.5 | 9. |
| 2.3 | 11.3 | 876.6 | 925.0 | 20.5 | 12.1 | 215.9 | 4.0 | 2.3 | 3.2 | 301.6 | 327.9 | 9.7 | 58.7 | 0.7 | 13. |
| 2.9 | 13.2 | 1082.9 | 900.0 | 18.2 | 11.3 | 225.4 | 3.7 | 2.6 | 2.6 | 301.6 | 327.2 | 9.4 | 64.2 | 0.8 | 13. |
| 3.7 | 15.3 | 1323.9 | 875.0 | 15.8 | 9.9 | 225.9 | 4.9 | 3.5 | 3.4 | 301.4 | 325.4 | 8.8 | 67.7 | 1.0 | 24. |
| 4.7 | 17.5 | 1566.5 | 850.0 | 12.6 | 8.5 | 221.1 | 5.6 | 3.7 | 4.2 | 301.5 | 324.0 | 8.2 | 71.4 | 1.2 | 24. |
| 5.7 | 19.9 | 1820.5 | 825.0 | 11.9 | 3.8 | 210.0 | 6.0 | 3.0 | 5.2 | 302.0 | 319.1 | 6.1 | 57.5 | 1.0 | 31. |
| 6.6 | 21.9 | 2077.7 | 800.0 | 10.9 | -5.5 | 212.4 | 6.3 | 3.8 | 5.0 | 303.2 | 312.5 | 3.2 | 31.1 | 1.9 | 39. |
| 7.3 | 24.4 | 2342.1 | 775.0 | 10.4 | -20.2 | 232.1 | 5.9 | 4.6 | 3.6 | 303.6 | 309.3 | 1.2 | 11.1 | 2.2 | 42. |
| 8.3 | 26.6 | 2615.1 | 750.0 | 10.1 | -1.6 | 252.9 | 4.9 | 4.7 | 1.4 | 308.1 | 321.5 | 4.0 | 44.5 | 2.5 | 36. |
| 9.3 | 28.1 | 2856.5 | 725.0 | 9.6 | -3.4 | 275.9 | 5.9 | 5.9 | -0.6 | 309.7 | 321.8 | 4.1 | 42.1 | 2.7 | 41. |
| 10.4 | 31.7 | 3186.4 | 700.0 | 7.7 | -9.7 | 269.0 | 8.8 | 8.3 | -2.9 | 311.4 | 319.3 | 2.0 | 27.8 | 3.0 | 49. |
| 11.5 | 34.2 | 3445.2 | 675.0 | 5.0 | -3.6 | 291.3 | 10.1 | 9.4 | -3.7 | 312.9 | 325.8 | 4.4 | 50.4 | 3.7 | 56. |
| 12.5 | 36.7 | 3723.0 | 650.0 | 3.3 | -4.5 | 263.0 | 8.6 | 7.9 | -3.4 | 313.2 | 325.8 | 4.2 | 56.8 | 3.7 | 62. |
| 13.5 | 39.4 | 4106.9 | 625.0 | 0.7 | -7.2 | 296.6 | 9.9 | 8.5 | -4.8 | 313.7 | 324.4 | 3.6 | 55.6 | 4.0 | 71. |
| 14.5 | 42.3 | 4436.3 | 600.0 | -1.9 | -9.0 | 303.5 | 11.9 | 9.9 | -6.6 | 314.4 | 324.2 | 3.2 | 54.0 | 4.5 | 79. |
| 15.6 | 44.4 | 4773.6 | 575.0 | -4.7 | -10.6 | 308.7 | 11.6 | 5.0 | -7.2 | 314.8 | 323.9 | 3.0 | 63.0 | 5.0 | 83. |
| 16.7 | 47.9 | 5122.3 | 550.0 | -6.9 | -10.3 | 306.9 | 9.3 | 7.5 | -5.6 | 316.2 | 326.0 | 3.2 | 70.6 | 5.6 | 90. |
| 17.9 | 50.8 | 5444.6 | 525.0 | -8.4 | -16.3 | 305.9 | 8.5 | 6.9 | -5.0 | 318.5 | 325.0 | 2.0 | 53.0 | 6.1 | 93. |
| 19.3 | 54.3 | 5811.7 | 500.0 | -10.4 | -21.4 | 316.7 | 10.2 | 7.0 | -7.5 | 320.4 | 324.5 | 1.4 | 41.4 | 6.7 | 97. |
| 20.4 | 57.0 | 6254.4 | 475.0 | -13.7 | -14.8 | 315.3 | 12.5 | 8.8 | -6.6 | 321.2 | 327.1 | 1.8 | 64.9 | 7.5 | 103. |
| 22.1 | 60.3 | 6663.5 | 450.0 | -16.6 | -24.8 | 303.9 | 14.4 | 12.0 | -8.0 | 322.5 | 325.2 | 1.1 | 48.4 | 8.5 | 108. |
| 23.6 | 63.9 | 7090.4 | 425.0 | -19.3 | -37.1 | 295.2 | 15.1 | 11.2 | -7.4 | 324.2 | 325.6 | 0.4 | 15.3 | 9.5 | 114. |
| 24.7 | 67.3 | 7538.6 | 400.0 | -23.1 | -30.5 | 264.3 | 16.7 | 13.2 | -6.9 | 325.0 | 327.6 | 0.7 | 50.8 | 11.2 | 124. |
| 26.7 | 70.9 | 8008.1 | 375.0 | -26.3 | -35.7 | 287.4 | 19.3 | 18.3 | -6.1 | 325.7 | 328.6 | 0.5 | 43.9 | 14.9 | 136. |
| 28.2 | 74.6 | 8536.1 | 350.0 | -30.3 | -39.4 | 291.2 | 17.9 | 16.7 | -6.3 | 327.9 | 329.2 | 0.3 | 40.0 | 14.7 | 139. |
| 30.1 | 78.6 | 9025.5 | 325.0 | -34.8 | -40.6 | 291.5 | 19.8 | 18.5 | -7.3 | 325.6 | 324.9 | 0.3 | 55.2 | 16.7 | 110. |
| 31.9 | 83.3 | 9576.6 | 300.0 | -34.4 | -47.2 | 285.1 | 19.1 | 17.2 | -5.6 | 320.7 | 320.4 | 0.2 | 47.8 | 14.7 | 110. |
| 33.9 | 87.4 | 10147.4 | 275.0 | -44.8 | 99.9 | 285.4 | 14.1 | 13.6 | -3.8 | 330.3 | 329.9 | 99.9 | 99.9 | 20.6 | 110. |
| 35.9 | 92.2 | 10757.5 | 250.0 | -50.3 | 94.7 | 287.1 | 16.2 | 15.7 | -3.7 | 331.3 | 329.9 | 99.9 | 99.9 | 22.4 | 124. |
| 38.1 | 97.1 | 11474.1 | 225.0 | -54.0 | 99.9 | 274.9 | 18.1 | 17.5 | -4.7 | 334.4 | 329.9 | 99.9 | 99.9 | 23.4 | 106. |
| 40.5 | 102.6 | 12222.8 | 200.0 | -54.3 | 99.9 | 280.9 | 21.5 | 21.1 | -4.1 | 338.8 | 329.9 | 99.9 | 99.9 | 27.8 | 137. |
| 43.4 | 108.9 | 13056.7 | 175.0 | -60.4 | 99.9 | 277.5 | 16.4 | 22.2 | -3.5 | 350.3 | 329.9 | 99.9 | 99.9 | 31.5 | 137. |
| 46.5 | 115.0 | 14019.0 | 150.0 | -54.6 | 99.9 | 276.9 | 27.5 | 27.1 | -4.7 | 367.5 | 329.9 | 99.9 | 99.9 | 37.2 | 126. |
| 50.5 | 122.7 | 15155.5 | 125.0 | -61.8 | 99.9 | 281.5 | 23.4 | 23.1 | -4.7 | 382.1 | 329.9 | 99.9 | 99.9 | 43.0 | 105. |
| 54.8 | 128.4 | 16515.4 | 100.0 | -67.7 | 99.9 | 291.8 | 13.4 | 12.5 | -5.0 | 397.0 | 329.9 | 99.9 | 99.9 | 48.3 | 105. |
| 60.4 | 140.5 | 18239.4 | 75.0 | -67.7 | 99.9 | 308.1 | 7.1 | 5.6 | -4.4 | 411.1 | 329.9 | 99.9 | 99.9 | 52.0 | 135. |
| 67.7 | 151.3 | 20719.9 | 50.0 | -60.1 | 99.9 | 10.4 | 1.2 | -0.2 | -1.2 | 501.9 | 329.9 | 99.9 | 99.9 | 53.3 | 137. |
| 99.9 | 50.3 | 50.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE 10
OF FOUR

STATION NO. 220
APALACHICOLA, FLA

24 APRIL 1975
2015 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U CUMP M/SEC | V CCMF M/SEC | LOT T DG K | E POT Y DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.0 | 11.0 | 1020.7 | 24.2 | 19.7 | 120.0 | 4.2 | 0.0 | 4.2 | 297.6 | 335.0 | 14.3 | 76.0 | 0.0 | 0 |
| 0.6 | 6.3 | 183.2 | 1000.0 | 20.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 294.7 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 1.4 | 8.5 | 406.6 | 975.0 | 19.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 294.4 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 2.2 | 10.8 | 629.0 | 950.0 | 19.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 296.6 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 2.9 | 13.1 | 856.7 | 925.0 | 17.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 297.2 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 3.7 | 15.4 | 1089.5 | 900.0 | 16.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 298.1 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 4.3 | 17.7 | 1327.6 | 875.0 | 14.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 299.1 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 5.3 | 20.2 | 1571.3 | 850.0 | 12.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 299.8 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 6.1 | 22.5 | 1821.6 | 825.0 | 12.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 302.3 | 314.1 | 4.1 | 37.7 | 999.9 | 999.9 |
| 6.9 | 25.1 | 2075.9 | 800.0 | 12.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 305.1 | 320.5 | 5.4 | 47.8 | 1.8 | 11 |
| 7.8 | 27.5 | 2345.6 | 775.0 | 10.8 | 0.2 | 262.1 | 2.8 | 2.8 | 0.4 | 305.0 | 320.5 | 5.0 | 48.1 | 1.9 | 14 |
| 8.8 | 30.2 | 2618.5 | 750.0 | 9.7 | -4.3 | 277.1 | 3.2 | 3.2 | -0.4 | 307.5 | 319.5 | 3.7 | 37.0 | 1.9 | 20 |
| 9.7 | 32.9 | 2899.4 | 725.0 | 9.3 | -7.8 | 282.1 | 2.3 | 2.2 | -0.7 | 310.0 | 318.8 | 2.9 | 29.1 | 2.0 | 24 |
| 10.7 | 35.6 | 3189.4 | 700.0 | 7.7 | -14.1 | 311.9 | 2.5 | 1.8 | -1.6 | 311.3 | 317.0 | 1.9 | 19.8 | 2.0 | 28 |
| 11.6 | 38.3 | 3483.2 | 675.0 | 5.9 | -8.9 | 325.1 | 3.8 | 2.2 | -3.1 | 312.6 | 321.4 | 2.9 | 33.5 | 1.9 | 32 |
| 12.7 | 41.0 | 3795.7 | 650.0 | 3.4 | -11.0 | 336.3 | 6.9 | 2.9 | -6.3 | 313.2 | 321.0 | 2.5 | 33.9 | 1.8 | 42 |
| 13.8 | 44.0 | 4112.8 | 625.0 | 0.9 | -7.3 | 340.5 | 9.8 | 3.3 | -9.3 | 314.0 | 324.6 | 3.5 | 53.9 | 1.6 | 60 |
| 14.8 | 46.5 | 4439.9 | 600.0 | -1.4 | -9.7 | 348.4 | 11.8 | 3.2 | -11.4 | 314.9 | 324.6 | 3.1 | 53.1 | 1.6 | 88 |
| 15.8 | 50.0 | 4777.8 | 575.0 | -3.7 | -9.7 | 358.4 | 11.8 | 4.3 | -11.0 | 316.1 | 325.8 | 3.2 | 62.8 | 1.9 | 107 |
| 16.9 | 53.0 | 5127.8 | 550.0 | -5.8 | -11.4 | 330.0 | 11.5 | 5.8 | -9.9 | 317.5 | 326.5 | 2.9 | 64.4 | 2.5 | 120 |
| 18.1 | 56.0 | 5491.5 | 525.0 | -7.8 | -13.4 | 325.7 | 12.4 | 7.0 | -10.2 | 319.4 | 327.5 | 2.6 | 64.0 | 3.3 | 127 |
| 19.3 | 59.4 | 5869.4 | 500.0 | -10.4 | -16.3 | 319.5 | 11.8 | 7.6 | -8.9 | 320.5 | 327.4 | 2.1 | 62.0 | 4.1 | 130 |
| 20.5 | 62.9 | 6242.7 | 475.0 | -13.0 | -18.3 | 314.5 | 12.7 | 9.1 | -8.9 | 322.1 | 328.2 | 1.9 | 64.2 | 5.0 | 131 |
| 21.7 | 66.2 | 6672.6 | 450.0 | -16.3 | -21.3 | 312.2 | 12.0 | 8.9 | -8.1 | 322.9 | 329.0 | 1.5 | 65.0 | 5.9 | 132 |
| 23.1 | 70.0 | 7100.3 | 425.0 | -19.3 | -25.7 | 306.6 | 12.7 | 9.8 | -8.1 | 324.3 | 328.0 | 1.1 | 56.7 | 6.9 | 132 |
| 24.6 | 73.6 | 7542.2 | 400.0 | -23.0 | -29.5 | 308.1 | 13.2 | 10.4 | -8.2 | 325.2 | 328.0 | 0.8 | 54.6 | 6.1 | 131 |
| 26.1 | 77.5 | 8018.1 | 375.0 | -26.5 | -33.5 | 308.1 | 15.7 | 12.3 | -9.7 | 326.6 | 328.7 | 0.6 | 51.2 | 9.4 | 130 |
| 27.8 | 81.5 | 8513.2 | 350.0 | -30.1 | -39.6 | 307.0 | 18.9 | 13.5 | -10.2 | 328.2 | 329.4 | 0.3 | 38.5 | 11.1 | 130 |
| 29.5 | 85.7 | 9036.1 | 325.0 | -34.7 | -43.6 | 301.0 | 18.3 | 15.7 | -9.4 | 328.8 | 329.7 | 0.2 | 39.5 | 12.9 | 130 |
| 31.5 | 90.2 | 9599.7 | 300.0 | -39.3 | -49.9 | 296.8 | 20.4 | 18.3 | -9.2 | 329.9 | 329.9 | 99.9 | 99.9 | 14.9 | 124 |
| 33.4 | 95.0 | 10180.6 | 275.0 | -42.9 | -52.9 | 298.8 | 27.9 | 24.4 | -13.4 | 333.1 | 334.9 | 99.9 | 99.9 | 17.7 | 126 |
| 35.5 | 99.8 | 10817.0 | 250.0 | -47.7 | -59.9 | 302.5 | 34.5 | 29.1 | -18.6 | 335.2 | 335.9 | 99.9 | 99.9 | 21.8 | 125 |
| 37.9 | 105.0 | 11503.9 | 225.0 | -53.3 | -67.9 | 306.3 | 34.9 | 28.1 | -20.6 | 336.6 | 336.9 | 99.9 | 99.9 | 26.6 | 125 |
| 40.7 | 110.8 | 12251.7 | 200.0 | -59.3 | -75.9 | 303.9 | 27.6 | 23.1 | -15.5 | 338.9 | 339.9 | 99.9 | 99.9 | 32.4 | 125 |
| 43.6 | 117.0 | 13082.3 | 175.0 | -61.6 | -81.6 | 291.9 | 26.9 | 23.0 | -10.0 | 338.3 | 339.9 | 99.9 | 99.9 | 36.6 | 124 |
| 47.0 | 124.0 | 14042.7 | 150.0 | -59.7 | -80.9 | 308.1 | 28.1 | 18.9 | -14.8 | 367.3 | 369.9 | 99.9 | 99.9 | 42.6 | 123 |
| 50.9 | 131.0 | 15169.3 | 125.0 | -64.5 | -90.9 | 291.4 | 22.7 | 13.1 | -8.9 | 377.5 | 379.9 | 99.9 | 99.9 | 47.3 | 123 |
| 55.7 | 139.0 | 16515.0 | 100.0 | -68.9 | -99.9 | 297.0 | 15.7 | 13.1 | -6.7 | 394.6 | 399.9 | 99.9 | 99.9 | 53.1 | 122 |
| 61.1 | 147.0 | 18223.8 | 75.0 | -69.3 | -99.9 | 303.3 | 6.9 | 5.7 | -3.8 | 427.5 | 429.9 | 99.9 | 99.9 | 57.0 | 122 |
| 69.1 | 156.0 | 20700.3 | 50.0 | -59.5 | -99.9 | 30.3 | 1.9 | -1.2 | -1.5 | 503.3 | 509.9 | 99.9 | 99.9 | 58.0 | 122 |
| 80.9 | 165.0 | 25135.5 | 25.0 | -50.5 | -99.9 | 38.6 | 6.4 | -4.0 | -5.0 | 639.6 | 649.9 | 99.9 | 99.9 | 59.5 | 124 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

8/12/11/12

STATION NO. 226
CENTERVILLE, ALA24 APRIL 1975
2015 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | WIND T LG K | E POT Y DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|----------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.5 | 140.0 | 1001.8 | 26.7 | 19.3 | 210.0 | 8.2 | 4.1 | 7.1 | 301.6 | 339.6 | 14.3 | 64.0 | 6.0 | 0. |
| 0.1 | 6.1 | 155.9 | 1000.0 | 25.7 | 17.4 | 99.9 | 99.9 | 99.9 | 99.9 | 300.6 | 337.3 | 12.6 | 60.1 | 999.9 | 999. |
| 1.6 | 8.6 | 278.4 | 975.0 | 23.8 | 16.5 | 99.9 | 99.9 | 99.9 | 99.9 | 300.7 | 333.4 | 12.2 | 63.8 | 999.9 | 999. |
| 2.8 | 11.0 | 405.2 | 950.0 | 21.5 | 14.4 | 208.3 | 7.6 | 3.6 | 6.7 | 300.5 | 324.8 | 10.9 | 63.8 | 1.7 | 24. |
| 3.6 | 13.5 | 836.2 | 925.0 | 19.4 | 15.5 | 210.8 | 9.6 | 4.9 | 8.3 | 300.7 | 333.0 | 12.1 | 78.2 | 2.0 | 25. |
| 4.2 | 15.8 | 1071.7 | 900.0 | 17.1 | 15.3 | 217.5 | 11.3 | 6.9 | 9.0 | 300.7 | 333.6 | 12.3 | 89.5 | 2.5 | 26. |
| 5.1 | 18.4 | 1311.9 | 875.0 | 14.9 | 13.2 | 230.6 | 13.2 | 10.2 | 3.4 | 300.8 | 330.4 | 11.0 | 89.6 | 3.0 | 29. |
| 6.0 | 20.9 | 1557.6 | 850.0 | 14.4 | 9.6 | 246.0 | 13.9 | 12.7 | 5.7 | 302.4 | 326.7 | 8.9 | 73.3 | 3.7 | 35. |
| 6.9 | 23.4 | 1803.6 | 825.0 | 13.4 | 4.8 | 253.7 | 13.2 | 12.7 | 3.7 | 303.6 | 322.0 | 6.6 | 58.2 | 4.3 | 41. |
| 7.9 | 25.9 | 2063.4 | 800.0 | 12.6 | 0.1 | 265.5 | 14.9 | 14.9 | 0.1 | 305.3 | 319.1 | 4.8 | 42.1 | 5.0 | 47. |
| 8.9 | 28.7 | 2337.9 | 775.0 | 10.4 | -1.3 | 277.5 | 16.9 | 16.8 | -2.2 | 305.6 | 318.2 | 4.4 | 42.5 | 5.0 | 54. |
| 10.0 | 31.5 | 2606.3 | 750.0 | 9.4 | -5.3 | 280.5 | 17.6 | 17.3 | -3.2 | 307.2 | 317.4 | 3.5 | 35.3 | 6.5 | 62. |
| 11.1 | 34.4 | 2886.7 | 725.0 | 8.1 | -11.0 | 273.9 | 15.2 | 15.1 | -1.0 | 308.7 | 315.7 | 2.3 | 24.6 | 7.4 | 67. |
| 12.2 | 37.1 | 3175.9 | 700.0 | 7.6 | -22.9 | 261.5 | 15.9 | 15.7 | 2.3 | 311.0 | 313.6 | 0.9 | 9.3 | 8.4 | 69. |
| 13.4 | 40.1 | 3474.4 | 675.0 | 6.2 | -14.3 | 254.3 | 20.4 | 19.7 | 5.5 | 312.8 | 318.4 | 1.8 | 20.6 | 9.7 | 70. |
| 14.4 | 42.9 | 3782.1 | 650.0 | 3.9 | -11.7 | 252.3 | 21.4 | 20.4 | 6.5 | 313.7 | 321.1 | 2.4 | 30.9 | 11.0 | 70. |
| 15.5 | 45.4 | 4055.6 | 625.0 | 1.7 | -13.1 | 252.1 | 22.8 | 21.9 | 6.2 | 314.7 | 321.6 | 2.2 | 32.2 | 12.4 | 71. |
| 16.7 | 48.1 | 4427.1 | 600.0 | -1.1 | -16.4 | 242.5 | 23.0 | 22.6 | 3.0 | 315.1 | 320.7 | 1.8 | 25.9 | 14.1 | 72. |
| 17.9 | 50.3 | 4764.9 | 575.0 | -3.6 | -20.4 | 265.7 | 20.2 | 20.2 | 0.1 | 315.9 | 320.1 | 1.3 | 25.6 | 15.4 | 73. |
| 19.1 | 52.3 | 5114.4 | 550.0 | -6.9 | -19.8 | 281.6 | 17.3 | 17.0 | -3.5 | 316.1 | 320.7 | 1.4 | 34.8 | 16.9 | 75. |
| 20.4 | 58.6 | 5475.4 | 525.0 | -10.0 | -16.7 | 282.4 | 19.1 | 18.7 | -4.1 | 316.7 | 322.9 | 2.0 | 57.8 | 18.1 | 77. |
| 21.7 | 62.7 | 5849.6 | 500.0 | -12.9 | -20.0 | 278.1 | 22.8 | 22.6 | -3.2 | 317.4 | 322.4 | 1.6 | 55.4 | 19.4 | 79. |
| 23.0 | 65.5 | 6236.6 | 475.0 | -15.4 | -42.1 | 273.9 | 21.7 | 21.0 | -1.5 | 319.8 | 319.7 | 0.2 | 10.0 | 21.3 | 79. |
| 24.5 | 69.0 | 6644.7 | 450.0 | -17.8 | -50.2 | 277.0 | 20.7 | 20.5 | -2.5 | 320.8 | 321.2 | 0.1 | 4.0 | 23.0 | 81. |
| 26.0 | 72.6 | 7070.2 | 425.0 | -20.5 | -51.5 | 275.4 | 20.4 | 20.3 | -1.5 | 322.7 | 323.0 | 0.1 | 4.2 | 24.8 | 83. |
| 27.6 | 76.5 | 7516.4 | 400.0 | -23.9 | -53.3 | 280.1 | 20.3 | 20.0 | -3.5 | 324.0 | 324.3 | 0.1 | 4.6 | 26.7 | 85. |
| 29.2 | 80.4 | 7984.5 | 375.0 | -27.5 | -55.5 | 277.0 | 24.7 | 24.5 | -3.0 | 325.1 | 325.3 | 0.1 | 5.0 | 28.0 | 85. |
| 30.0 | 84.5 | 8476.5 | 350.0 | -31.7 | -58.0 | 274.2 | 23.8 | 23.7 | -2.0 | 326.5 | 326.1 | 0.0 | 5.4 | 31.3 | 85. |
| 32.7 | 88.9 | 8955.3 | 325.0 | -36.3 | -60.8 | 280.9 | 26.5 | 26.1 | -5.0 | 326.5 | 326.7 | 0.0 | 5.9 | 31.8 | 87. |
| 34.4 | 93.2 | 9541.6 | 300.0 | -40.0 | -69.9 | 286.8 | 28.7 | 27.5 | -8.3 | 329.0 | 329.9 | 98.9 | 999.9 | 36.5 | 84. |
| 36.4 | 98.0 | 10134.4 | 275.0 | -44.9 | -69.9 | 306.7 | 21.3 | 17.0 | -12.7 | 330.2 | 999.9 | 98.9 | 999.9 | 38.9 | 80. |
| 38.4 | 102.8 | 10764.7 | 250.0 | -45.9 | -69.9 | 300.4 | 17.8 | 15.4 | -9.0 | 332.0 | 999.9 | 98.9 | 999.9 | 40.9 | 82. |
| 40.7 | 108.3 | 11444.6 | 225.0 | -55.6 | -69.9 | 292.1 | 17.6 | 16.3 | -6.6 | 333.3 | 999.9 | 98.9 | 999.9 | 43.1 | 93. |
| 43.3 | 113.9 | 12186.0 | 200.0 | -60.3 | -69.9 | 279.0 | 20.6 | 20.4 | -3.5 | 337.2 | 999.9 | 98.9 | 999.9 | 45.8 | 94. |
| 46.1 | 120.0 | 13014.0 | 175.0 | -59.9 | -69.9 | 269.6 | 23.8 | 23.8 | 0.1 | 351.0 | 999.9 | 98.9 | 999.9 | 50.3 | 94. |
| 48.6 | 126.5 | 13776.1 | 150.0 | -60.0 | -69.9 | 277.8 | 29.5 | 29.2 | -4.0 | 366.7 | 999.9 | 98.9 | 999.9 | 56.9 | 94. |
| 50.1 | 134.0 | 15111.0 | 125.0 | -61.8 | -69.9 | 248.2 | 20.9 | 20.8 | 0.7 | 383.1 | 999.9 | 98.9 | 999.9 | 63.8 | 94. |
| 52.1 | 141.5 | 16473.6 | 100.0 | -67.5 | -69.9 | 245.7 | 20.5 | 20.4 | 1.5 | 397.3 | 999.9 | 98.9 | 999.9 | 70.6 | 94. |
| 55.9 | 150.0 | 18200.6 | 75.0 | -65.5 | -69.9 | 296.7 | 8.1 | 7.3 | -3.7 | 435.6 | 999.9 | 98.9 | 999.9 | 77.2 | 93. |
| 74.3 | 159.0 | 20696.7 | 50.0 | -58.3 | -69.9 | 292.7 | 8.7 | 8.0 | -3.3 | 506.1 | 999.9 | 98.9 | 999.9 | 79.2 | 94. |
| 99.9 | 59.9 | 66.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 56.9 | 69.9 | 999.9 | 98.9 | 999.9 | 999.9 | 999. |

ORIGINAL PAGE IS
OF POOR QUALITY

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LA24 APRIL 1975
2015 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U CUMP M/SEC | V CUMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.9 | 1.0 | 1016.4 | 25.4 | 22.9 | 160.0 | 5.1 | -1.7 | 4.8 | 298.9 | 345.3 | 17.6 | 86.0 | 0.0 | 0. |
| 0.5 | 6.4 | 161.6 | 1000.0 | 23.4 | 22.0 | 95.9 | 9.9 | 9.9 | 9.9 | 298.9 | 343.0 | 16.1 | 91.4 | 999.9 | 99.9 |
| 1.2 | 6.8 | 383.1 | 975.0 | 21.7 | 21.1 | 959.9 | 9.9 | 9.9 | 9.9 | 299.2 | 342.3 | 16.1 | 96.2 | 999.9 | 99.9 |
| 1.9 | 11.1 | 609.0 | 950.0 | 20.4 | 20.1 | 173.1 | 10.7 | -1.3 | 10.6 | 300.0 | 341.6 | 15.8 | 97.8 | 1.0 | 33.6 |
| 2.5 | 13.5 | 839.7 | 925.0 | 18.4 | 17.5 | 183.5 | 11.2 | 0.7 | 11.2 | 299.9 | 336.3 | 13.8 | 98.6 | 1.4 | 34.3 |
| 3.3 | 15.8 | 1074.8 | 900.0 | 16.9 | 13.3 | 180.6 | 9.0 | 1.0 | 8.9 | 300.3 | 329.2 | 10.7 | 79.4 | 1.8 | 34.0 |
| 4.2 | 16.4 | 1314.6 | 875.0 | 15.8 | 8.5 | 191.8 | 7.1 | 1.5 | 6.9 | 301.3 | 323.2 | 8.0 | 61.8 | 2.3 | 35.2 |
| 5.0 | 20.8 | 1561.3 | 850.0 | 16.0 | 4.6 | 153.3 | 5.4 | 1.4 | 5.2 | 303.7 | 321.4 | 6.3 | 46.9 | 2.5 | 35.5 |
| 5.9 | 23.4 | 1815.0 | 825.0 | 15.7 | 3.1 | 188.0 | 6.7 | 0.9 | 6.7 | 306.0 | 322.6 | 5.8 | 42.7 | 2.4 | 35.7 |
| 6.9 | 25.9 | 2075.4 | 800.0 | 13.9 | 1.5 | 188.6 | 6.4 | 1.0 | 6.3 | 306.7 | 322.0 | 5.3 | 42.6 | 3.2 | 35.4 |
| 7.4 | 28.6 | 2342.4 | 775.0 | 12.0 | 0.3 | 194.8 | 5.7 | 1.5 | 5.5 | 307.4 | 322.1 | 5.1 | 44.5 | 3.5 | 35.9 |
| 8.7 | 31.4 | 2614.5 | 750.0 | 10.9 | -5.8 | 192.2 | 5.7 | 1.2 | 5.6 | 308.8 | 318.7 | 3.3 | 30.8 | 3.8 | 1. |
| 9.7 | 34.2 | 2898.2 | 725.0 | 9.6 | -18.8 | 187.7 | 5.9 | 0.5 | 5.9 | 310.1 | 313.9 | 1.2 | 11.6 | 4.2 | 1. |
| 10.7 | 36.9 | 3182.9 | 700.0 | 9.1 | -17.8 | 175.3 | 3.4 | -0.3 | 3.4 | 312.7 | 317.0 | 1.4 | 13.1 | 4.5 | 1. |
| 11.7 | 39.9 | 3469.2 | 675.0 | 7.8 | -19.2 | 173.1 | 1.5 | -0.2 | 1.5 | 314.5 | 318.5 | 1.2 | 12.7 | 4.6 | 1. |
| 12.8 | 42.6 | 3759.0 | 650.0 | 5.6 | -19.1 | 41.6 | 0.3 | -0.2 | -0.2 | 315.4 | 319.6 | 1.3 | 14.8 | 4.6 | 1. |
| 14.0 | 45.8 | 4117.8 | 625.0 | 2.8 | -16.3 | 332.9 | 0.2 | 0.1 | -0.1 | 315.9 | 321.3 | 1.7 | 22.9 | 4.6 | 1. |
| 15.1 | 48.9 | 4446.5 | 600.0 | -0.0 | -13.1 | 288.4 | 0.2 | 0.2 | -0.1 | 316.4 | 323.7 | 2.3 | 36.7 | 4.6 | 1. |
| 16.3 | 51.9 | 4785.8 | 575.0 | -2.8 | -11.0 | 254.5 | 2.5 | 2.5 | 0.6 | 317.1 | 325.9 | 2.9 | 52.9 | 4.6 | 2. |
| 17.5 | 55.1 | 5137.1 | 550.0 | -5.0 | -13.8 | 263.7 | 5.2 | 5.2 | 0.6 | 318.4 | 325.9 | 2.4 | 49.8 | 4.7 | 5. |
| 18.6 | 58.3 | 5501.1 | 525.0 | -7.6 | -14.0 | 261.0 | 7.2 | 7.1 | 1.1 | 315.6 | 327.4 | 2.5 | 55.7 | 4.8 | 10. |
| 20.0 | 61.9 | 5879.1 | 500.0 | -10.0 | -21.2 | 264.4 | 10.6 | 10.6 | 1.0 | 324.9 | 325.6 | 1.4 | 39.6 | 5.1 | 14. |
| 21.4 | 65.4 | 6273.6 | 475.0 | -12.2 | -27.6 | 267.5 | 12.8 | 12.8 | 0.6 | 323.0 | 325.8 | 0.8 | 26.1 | 5.5 | 28. |
| 22.6 | 69.3 | 6684.5 | 450.0 | -15.2 | -32.3 | 265.6 | 14.6 | 14.6 | 1.0 | 324.1 | 326.1 | 0.6 | 21.4 | 6.2 | 37. |
| 24.4 | 72.5 | 7114.1 | 425.0 | -18.3 | -35.4 | 265.9 | 15.8 | 15.8 | 0.0 | 325.5 | 327.0 | 0.4 | 20.7 | 7.1 | 45. |
| 26.0 | 76.5 | 7563.8 | 400.0 | -21.2 | -35.2 | 273.1 | 20.2 | 20.2 | -1.1 | 327.4 | 329.1 | 0.5 | 26.9 | 8.3 | 54. |
| 27.5 | 80.5 | 8034.7 | 375.0 | -25.2 | -40.4 | 274.4 | 19.9 | 19.8 | -1.5 | 328.2 | 329.2 | 0.3 | 22.6 | 9.9 | 61. |
| 29.1 | 84.6 | 8533.1 | 350.0 | -29.4 | -45.2 | 273.7 | 18.2 | 18.1 | -1.2 | 329.1 | 329.7 | 0.2 | 17.6 | 11.4 | 66. |
| 30.9 | 88.7 | 9058.0 | 325.0 | -33.4 | -49.1 | 281.1 | 19.8 | 19.4 | -3.8 | 330.6 | 331.3 | 0.2 | 26.5 | 13.1 | 70. |
| 32.8 | 93.4 | 9615.3 | 300.0 | -37.2 | -42.4 | 287.1 | 27.1 | 25.9 | -6.0 | 332.8 | 334.0 | 0.3 | 58.4 | 15.3 | 76. |
| 34.9 | 98.2 | 10211.1 | 275.0 | -41.0 | 99.9 | 284.3 | 30.6 | 29.7 | -7.5 | 334.7 | 999.9 | 99.9 | 999.9 | 18.6 | 82. |
| 37.0 | 103.2 | 10849.3 | 250.0 | -47.3 | 99.9 | 280.5 | 32.1 | 30.7 | -9.1 | 335.8 | 999.9 | 99.9 | 999.9 | 22.3 | 81. |
| 39.4 | 108.8 | 11537.7 | 225.0 | -52.9 | 99.9 | 280.8 | 31.8 | 30.1 | -10.3 | 337.4 | 999.9 | 99.9 | 999.9 | 26.7 | 89. |
| 41.9 | 114.5 | 12288.3 | 200.0 | -58.2 | 99.9 | 290.6 | 35.2 | 32.9 | -12.4 | 340.6 | 999.9 | 99.9 | 999.9 | 31.1 | 92. |
| 44.8 | 121.0 | 13118.3 | 175.0 | -62.8 | 99.9 | 293.6 | 32.8 | 30.1 | -13.1 | 346.2 | 999.9 | 99.9 | 999.9 | 36.8 | 96. |
| 48.0 | 127.8 | 14068.6 | 150.0 | -62.8 | 99.9 | 277.3 | 32.0 | 31.9 | -1.5 | 351.9 | 999.9 | 99.9 | 999.9 | 43.0 | 96. |
| 51.9 | 135.3 | 15192.7 | 125.0 | -65.0 | 99.9 | 271.0 | 21.1 | 21.1 | -0.5 | 377.3 | 999.9 | 99.9 | 999.9 | 49.0 | 97. |
| 56.6 | 142.5 | 16538.5 | 100.0 | -69.0 | 99.9 | 278.0 | 17.5 | 17.1 | -2.4 | 394.5 | 999.9 | 99.9 | 999.9 | 54.9 | 96. |
| 62.3 | 150.7 | 18244.5 | 75.0 | -70.3 | 99.9 | 284.5 | 12.3 | 11.9 | -3.1 | 425.5 | 999.9 | 99.9 | 999.9 | 59.0 | 95. |
| 69.9 | 159.3 | 20721.3 | 50.0 | -58.8 | 99.9 | 306.2 | 5.3 | 4.2 | -3.1 | 585.0 | 999.9 | 99.9 | 999.9 | 60.6 | 96. |
| 81.5 | 168.0 | 25145.7 | 25.0 | -50.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 639.1 | 999.9 | 99.9 | 999.9 | 999.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 235
JACKSON, MISS24 APRIL 1975
2015 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PREL MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T CG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.6 | 100.0 | 1005.2 | 25.8 | 19.5 | 220.0 | 4.6 | 3.0 | 3.5 | 304.5 | 343.2 | 14.4 | 54.0 | 0.0 | 0 |
| 0.1 | 5.0 | 146.3 | 1000.0 | 26.0 | 18.3 | 207.4 | 12.0 | 5.5 | 10.6 | 303.6 | 339.7 | 13.4 | 53.8 | 0.3 | 29 |
| 0.8 | 6.8 | 371.1 | 975.0 | 26.7 | 16.8 | 208.8 | 10.8 | 5.2 | 5.4 | 303.8 | 337.6 | 12.5 | 54.7 | 0.5 | 29 |
| 1.6 | 9.1 | 600.1 | 950.0 | 26.6 | 15.7 | 212.5 | 10.1 | 5.4 | 6.7 | 303.8 | 336.2 | 12.0 | 57.8 | 1.0 | 30 |
| 2.4 | 11.0 | 831.6 | 925.0 | 22.9 | 14.2 | 208.1 | 10.9 | 4.8 | 5.8 | 304.2 | 334.4 | 11.1 | 58.1 | 1.5 | 30 |
| 3.2 | 13.3 | 1072.1 | 900.0 | 20.5 | 13.5 | 207.0 | 10.1 | 4.6 | 5.0 | 304.2 | 333.8 | 10.9 | 63.9 | 2.0 | 29 |
| 4.0 | 15.4 | 1315.2 | 875.0 | 18.7 | 12.2 | 213.1 | 11.3 | 6.2 | 9.5 | 304.6 | 332.9 | 10.3 | 65.8 | 2.5 | 29 |
| 4.7 | 17.6 | 1563.6 | 850.0 | 16.2 | 11.2 | 217.0 | 11.0 | 6.6 | 8.9 | 305.1 | 331.6 | 9.9 | 71.9 | 3.0 | 30 |
| 5.6 | 20.0 | 1817.2 | 825.0 | 14.6 | 8.2 | 231.4 | 13.4 | 10.5 | 8.4 | 305.1 | 329.2 | 8.3 | 65.4 | 3.0 | 30 |
| 6.2 | 22.1 | 2077.8 | 800.0 | 13.6 | 5.8 | 240.4 | 14.4 | 12.6 | 7.1 | 306.6 | 327.0 | 7.3 | 59.2 | 4.1 | 30 |
| 7.0 | 24.5 | 2345.6 | 775.0 | 13.2 | 3.7 | 243.4 | 14.7 | 13.2 | 6.6 | 308.8 | 325.3 | 6.5 | 52.8 | 4.7 | 30 |
| 7.8 | 26.8 | 2620.1 | 750.0 | 10.3 | 1.8 | 248.1 | 15.2 | 14.1 | 5.7 | 310.7 | 322.6 | 4.0 | 36.3 | 6.2 | 47 |
| 8.8 | 29.4 | 2903.3 | 725.0 | 6.6 | -3.8 | 255.3 | 13.8 | 11.4 | 3.5 | 312.4 | 320.7 | 2.7 | 27.2 | 6.7 | 50 |
| 9.7 | 31.9 | 3193.1 | 700.0 | 6.6 | -4.2 | 256.6 | 12.0 | 11.3 | 4.0 | 315.7 | 323.8 | 2.6 | 25.0 | 7.4 | 51 |
| 10.6 | 34.6 | 3494.2 | 675.0 | 5.7 | -10.2 | 243.3 | 12.1 | 10.9 | 5.4 | 318.3 | 324.1 | 2.5 | 27.2 | 8.1 | 52 |
| 11.6 | 37.1 | 3804.8 | 650.0 | 6.2 | -11.3 | 245.0 | 12.4 | 11.2 | 5.2 | 320.3 | 324.1 | 2.4 | 31.0 | 8.9 | 52 |
| 12.7 | 39.9 | 4124.5 | 625.0 | 3.2 | -12.3 | 251.0 | 13.1 | 12.4 | 4.3 | 316.3 | 323.8 | 2.4 | 31.0 | 8.9 | 52 |
| 13.6 | 42.4 | 4454.5 | 600.0 | 1.1 | -10.4 | 256.7 | 14.2 | 13.9 | 3.3 | 317.8 | 325.8 | 2.9 | 41.9 | 9.6 | 54 |
| 14.7 | 45.3 | 4755.4 | 575.0 | -2.1 | -12.9 | 263.5 | 14.8 | 14.7 | 1.7 | 317.8 | 325.5 | 2.5 | 43.4 | 10.5 | 54 |
| 15.7 | 48.3 | 5147.1 | 550.0 | -4.7 | -14.0 | 266.1 | 14.5 | 14.5 | 1.0 | 318.7 | 326.2 | 2.4 | 48.2 | 11.3 | 54 |
| 16.8 | 51.1 | 5517.6 | 525.0 | -7.8 | -11.4 | 263.4 | 16.4 | 16.3 | 1.9 | 319.4 | 324.9 | 3.1 | 75.3 | 12.2 | 51 |
| 19.1 | 54.3 | 5886.5 | 500.0 | -10.0 | -15.3 | 263.4 | 18.5 | 19.4 | 2.2 | 321.1 | 328.5 | 2.3 | 65.0 | 13.5 | 54 |
| 19.3 | 57.3 | 6261.8 | 475.0 | -13.1 | -25.3 | 258.5 | 20.6 | 20.3 | 4.0 | 321.8 | 325.2 | 1.0 | 35.2 | 14.4 | 61 |
| 20.5 | 60.6 | 6636.7 | 450.0 | -16.9 | -31.9 | 264.0 | 19.7 | 19.7 | 2.1 | 322.0 | 323.7 | 0.5 | 21.3 | 16.3 | 67 |
| 21.1 | 64.1 | 7117.8 | 425.0 | -19.2 | -37.9 | 269.0 | 15.8 | 20.5 | 0.2 | 324.3 | 325.5 | 0.3 | 17.5 | 17.3 | 68 |
| 21.2 | 67.5 | 7566.9 | 400.0 | -21.9 | -35.3 | 267.1 | 20.0 | 20.0 | 1.0 | 326.5 | 327.5 | 0.3 | 17.5 | 17.3 | 68 |
| 21.7 | 71.0 | 8037.9 | 375.0 | -25.8 | -43.0 | 260.5 | 21.1 | 21.0 | 0.5 | 327.3 | 328.2 | 0.2 | 18.0 | 21.2 | 70 |
| 26.4 | 74.9 | 8527.9 | 350.0 | -26.2 | -43.7 | 267.7 | 24.7 | 24.6 | 1.0 | 329.4 | 330.0 | 0.2 | 18.2 | 23.3 | 72 |
| 28.2 | 79.0 | 9058.4 | 325.0 | -32.6 | -48.5 | 272.7 | 26.9 | 26.9 | -1.3 | 331.7 | 332.3 | 0.1 | 18.5 | 26.0 | 75 |
| 30.0 | 83.0 | 9615.0 | 300.0 | -38.0 | -53.0 | 276.2 | 28.3 | 28.0 | -3.7 | 331.7 | 332.0 | 0.1 | 18.9 | 26.7 | 77 |
| 31.9 | 87.3 | 10212.0 | 275.0 | -42.1 | -59.9 | 287.3 | 28.0 | 26.7 | -8.3 | 334.3 | 335.9 | 99.9 | 99.9 | 31.7 | 71 |
| 33.8 | 92.2 | 10849.9 | 250.0 | -47.2 | -69.9 | 285.4 | 34.5 | 32.5 | -11.4 | 335.9 | 336.6 | 99.9 | 99.9 | 34.6 | 82 |
| 35.9 | 97.0 | 11530.3 | 225.0 | -52.8 | -79.9 | 290.3 | 39.7 | 37.2 | -13.8 | 337.6 | 337.6 | 99.9 | 99.9 | 34.8 | 81 |
| 38.4 | 102.4 | 12255.3 | 200.0 | -57.4 | -89.9 | 294.3 | 33.0 | 30.0 | -13.6 | 331.9 | 331.9 | 99.9 | 99.9 | 44.3 | 84 |
| 41.3 | 108.5 | 13136.3 | 175.0 | -62.3 | -99.9 | 290.3 | 34.2 | 32.1 | -11.9 | 337.1 | 337.1 | 99.9 | 99.9 | 49.4 | 92 |
| 44.4 | 115.0 | 14083.9 | 150.0 | -61.9 | -99.9 | 290.3 | 33.5 | 19.5 | 0.7 | 343.5 | 343.5 | 99.9 | 99.9 | 54.4 | 93 |
| 48.2 | 122.3 | 15214.9 | 125.0 | -61.1 | -99.9 | 290.2 | 24.4 | 24.0 | 4.2 | 344.3 | 344.3 | 99.9 | 99.9 | 62.0 | 92 |
| 52.9 | 131.0 | 16587.2 | 100.0 | -65.1 | -99.9 | 295.7 | 25.5 | 24.8 | 5.9 | 402.0 | 402.0 | 99.9 | 99.9 | 68.5 | 90 |
| 58.0 | 140.3 | 18347.2 | 75.0 | -66.0 | -99.9 | 291.7 | 10.7 | 9.9 | -4.0 | 434.6 | 434.6 | 99.9 | 99.9 | 73.6 | 90 |
| 65.4 | 150.7 | 20870.2 | 50.0 | -59.0 | -99.9 | 319.9 | 4.8 | 3.1 | -3.7 | 504.5 | 504.5 | 99.9 | 99.9 | 75.9 | 91 |
| 77.1 | 162.3 | 25364.1 | 25.0 | -45.6 | -99.9 | 339.7 | 3.8 | 1.3 | -3.5 | 633.0 | 633.0 | 99.9 | 99.9 | 77.6 | 92 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 240
LAKE CHARLES, LA
24 APRIL 1975
2015 GMT

| TIME MIN | CNTCT | HEIGHT GFV | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT T DG K | E PUT T DG K | MX RTO GM/KG | PH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 3.4 | 54.0 | 1015.7 | 26.7 | 21.2 | 160.0 | 9.3 | -3.2 | 8.7 | 300.7 | 342.6 | 15.9 | 72.0 | 0.0 | 0. |
| 0.6 | 4.7 | 142.9 | 1000.0 | 25.4 | 20.5 | 169.6 | 9.0 | -1.6 | 8.9 | 300.7 | 341.5 | 15.4 | 74.3 | 0.4 | 1. |
| 1.3 | 6.5 | 365.6 | 975.0 | 23.2 | 18.8 | 176.2 | 11.2 | -0.7 | 11.2 | 300.5 | 338.2 | 14.2 | 76.4 | 0.9 | 357. |
| 2.1 | 8.5 | 592.1 | 950.0 | 20.9 | 17.9 | 181.5 | 11.2 | 0.3 | 11.2 | 300.2 | 336.8 | 13.8 | 83.4 | 1.4 | 357. |
| 2.9 | 10.5 | 822.9 | 925.0 | 19.6 | 16.4 | 194.9 | 12.6 | 3.2 | 11.2 | 300.8 | 331.1 | 11.3 | 72.3 | 1.9 | 1. |
| 3.5 | 12.5 | 1059.1 | 900.0 | 19.3 | 12.1 | 200.3 | 13.3 | 4.6 | 12.5 | 302.8 | 329.6 | 9.9 | 62.8 | 2.4 | 4. |
| 4.2 | 14.7 | 1301.2 | 875.0 | 17.8 | 9.9 | 199.6 | 13.3 | 4.4 | 12.3 | 303.4 | 327.6 | 8.8 | 59.9 | 2.9 | 7. |
| 5.1 | 16.6 | 1549.0 | 850.0 | 16.4 | 8.5 | 195.4 | 11.1 | 4.8 | 10.0 | 304.5 | 327.3 | 8.3 | 59.4 | 3.5 | 10. |
| 6.0 | 18.3 | 1802.4 | 825.0 | 14.0 | 6.6 | 200.4 | 10.2 | 3.5 | 9.5 | 304.4 | 325.1 | 7.4 | 60.7 | 4.1 | 12. |
| 6.8 | 21.3 | 2061.6 | 800.0 | 13.1 | 5.1 | 201.9 | 10.4 | 3.9 | 9.6 | 306.1 | 325.6 | 6.9 | 56.2 | 4.6 | 13. |
| 7.4 | 23.3 | 2328.4 | 775.0 | 12.1 | -1.1 | 203.2 | 11.8 | 4.6 | 10.8 | 307.5 | 320.7 | 4.6 | 40.0 | 5.2 | 14. |
| 8.9 | 25.3 | 2602.9 | 750.0 | 11.5 | -7.5 | 199.5 | 12.9 | 4.3 | 12.1 | 309.5 | 318.3 | 2.9 | 25.9 | 6.0 | 15. |
| 10.0 | 27.9 | 2885.7 | 725.0 | 11.4 | -9.5 | 202.5 | 12.4 | 4.8 | 11.5 | 312.3 | 320.2 | 2.6 | 22.0 | 6.9 | 16. |
| 11.1 | 30.4 | 3178.4 | 700.0 | 10.3 | -10.4 | 204.7 | 12.5 | 5.2 | 11.3 | 314.2 | 321.9 | 2.5 | 22.1 | 7.7 | 17. |
| 12.2 | 33.0 | 3479.5 | 675.0 | 7.9 | -10.1 | 200.0 | 13.5 | 4.6 | 12.7 | 314.9 | 323.0 | 2.6 | 26.6 | 8.6 | 17. |
| 13.3 | 35.5 | 3789.6 | 650.0 | 5.7 | -12.0 | 200.6 | 12.3 | 4.3 | 11.5 | 315.7 | 323.0 | 2.3 | 26.7 | 9.4 | 17. |
| 14.5 | 38.0 | 4108.8 | 625.0 | 3.3 | -14.0 | 215.6 | 9.8 | 5.7 | 8.0 | 316.4 | 323.0 | 2.1 | 26.7 | 10.2 | 14. |
| 15.6 | 40.6 | 4438.7 | 600.0 | 1.2 | -15.8 | 222.6 | 7.4 | 5.0 | 5.4 | 317.7 | 323.6 | 1.9 | 26.8 | 10.7 | 19. |
| 16.7 | 43.4 | 4775.1 | 575.0 | -1.0 | -18.2 | 223.8 | 6.9 | 4.7 | 5.0 | 318.2 | 323.4 | 1.6 | 26.9 | 11.2 | 23. |
| 18.0 | 46.3 | 5131.3 | 550.0 | -4.5 | -12.3 | 223.1 | 9.0 | 7.0 | 6.6 | 319.0 | 327.5 | 2.7 | 54.5 | 11.7 | 21. |
| 19.2 | 48.4 | 5455.7 | 525.0 | -7.8 | -15.2 | 223.3 | 9.7 | 6.7 | 7.1 | 319.3 | 326.4 | 2.2 | 55.0 | 12.4 | 22. |
| 20.6 | 52.3 | 5673.1 | 500.0 | -11.1 | -16.7 | 229.1 | 9.7 | 7.3 | 6.3 | 319.7 | 326.3 | 2.1 | 63.1 | 13.1 | 24. |
| 21.9 | 55.3 | 6264.8 | 475.0 | -14.4 | -18.1 | 244.2 | 10.3 | 9.3 | 4.5 | 320.3 | 326.5 | 1.9 | 73.8 | 13.7 | 20. |
| 23.3 | 58.6 | 6672.9 | 450.0 | -16.6 | -27.8 | 251.8 | 14.9 | 14.2 | 4.6 | 322.5 | 325.4 | 0.9 | 37.2 | 14.5 | 20. |
| 24.7 | 62.0 | 7100.1 | 425.0 | -19.5 | -29.9 | 259.3 | 18.7 | 18.4 | 3.5 | 324.0 | 326.6 | 0.7 | 38.9 | 15.5 | 12. |
| 26.1 | 65.6 | 7547.3 | 400.0 | -23.5 | -32.1 | 261.5 | 21.6 | 21.4 | 3.2 | 324.5 | 325.7 | 0.6 | 44.6 | 16.3 | 17. |
| 27.7 | 69.2 | 8015.7 | 375.0 | -27.2 | -38.8 | 262.7 | 21.4 | 21.3 | 2.7 | 325.5 | 326.8 | 0.4 | 32.3 | 18.2 | 41. |
| 29.3 | 72.8 | 8535.6 | 350.0 | -30.3 | -55.2 | 268.4 | 20.3 | 20.3 | 0.6 | 327.9 | 328.1 | 0.1 | 6.7 | 19.8 | 40. |
| 31.3 | 77.0 | 9032.6 | 325.0 | -33.9 | -43.5 | 278.1 | 25.8 | 25.6 | -3.7 | 329.9 | 330.8 | 0.2 | 36.8 | 21.6 | 50. |
| 33.1 | 81.0 | 9565.9 | 300.0 | -36.9 | -45.5 | 285.1 | 32.7 | 31.6 | -8.5 | 333.3 | 334.2 | 0.2 | 46.0 | 23.7 | 57. |
| 35.2 | 85.5 | 10186.7 | 275.0 | -41.6 | -59.9 | 281.9 | 35.0 | 34.3 | -7.3 | 335.6 | 999.9 | 99.9 | 999.9 | 26.7 | 63. |
| 37.5 | 90.4 | 10825.6 | 250.0 | -46.8 | 99.9 | 276.8 | 38.3 | 38.0 | -4.5 | 336.6 | 999.9 | 99.9 | 999.9 | 30.8 | 69. |
| 39.8 | 95.5 | 11515.6 | 225.0 | -52.4 | 99.9 | 273.9 | 37.1 | 37.0 | -2.6 | 338.2 | 999.9 | 99.9 | 999.9 | 35.5 | 73. |
| 42.4 | 101.0 | 12265.6 | 200.0 | -58.6 | 99.9 | 276.5 | 36.8 | 36.6 | -0.2 | 339.7 | 999.9 | 99.9 | 999.9 | 40.8 | 76. |
| 45.2 | 107.3 | 13054.0 | 175.0 | -64.4 | 99.9 | 286.0 | 43.9 | 42.2 | -12.1 | 343.7 | 999.9 | 99.9 | 999.9 | 47.5 | 79. |
| 48.5 | 114.3 | 14038.7 | 150.0 | -62.2 | 99.9 | 265.6 | 34.1 | 34.0 | 2.6 | 362.9 | 999.9 | 99.9 | 999.9 | 54.5 | 82. |
| 52.7 | 122.0 | 15170.7 | 125.0 | -62.0 | 99.9 | 254.8 | 18.0 | 17.4 | 4.7 | 382.6 | 999.9 | 99.9 | 999.9 | 60.8 | 82. |
| 57.3 | 130.8 | 16526.8 | 100.0 | -65.0 | 99.9 | 262.7 | 14.4 | 14.3 | 1.8 | 394.4 | 999.9 | 99.9 | 999.9 | 66.3 | 82. |
| 63.6 | 140.5 | 18241.3 | 75.0 | -69.3 | 99.9 | 268.4 | 19.1 | 19.1 | 0.5 | 427.7 | 999.9 | 99.9 | 999.9 | 72.3 | 82. |
| 72.0 | 151.0 | 20713.8 | 50.0 | -58.8 | 99.9 | 264.7 | 7.1 | 7.0 | 0.6 | 505.0 | 999.9 | 99.9 | 999.9 | 75.4 | 83. |
| 84.6 | 162.5 | 25148.7 | 25.0 | -53.1 | 99.9 | 3.6 | 5.3 | -0.3 | -6.3 | 632.2 | 999.9 | 99.9 | 999.9 | 74.6 | 85. |

ORIGINAL PAGE IS
OF POOR QUALITY

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248
SHREVEPORT, LA24 APRIL 1975
2103 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO GM/KG | PH PCT | RANGE KM | A7 DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.6 | 79.0 | 1003.7 | 30.0 | 24.5 | 190.0 | 6.7 | 1.2 | 6.6 | 305.5 | 358.1 | 19.6 | 72.3 | 0.0 | 0. |
| 0.1 | 4.2 | 112.1 | 1000.0 | 29.9 | 19.7 | 205.7 | 10.3 | 4.5 | 9.3 | 305.1 | 345.1 | 14.8 | 55.0 | 0.3 | 4. |
| 0.7 | 6.8 | 337.8 | 975.0 | 27.3 | 17.2 | 202.7 | 11.7 | 4.5 | 10.8 | 304.4 | 339.1 | 12.8 | 54.0 | 0.5 | 12. |
| 1.6 | 8.7 | 567.2 | 950.0 | 25.0 | 15.9 | 146.3 | 12.6 | 1.8 | 12.4 | 304.2 | 337.0 | 12.1 | 50.9 | 1.1 | 13. |
| 2.4 | 10.9 | 801.1 | 925.0 | 22.8 | 15.2 | 145.8 | 11.2 | 1.1 | 11.2 | 304.3 | 336.5 | 11.9 | 62.2 | 1.7 | 11. |
| 3.1 | 12.6 | 1035.3 | 900.0 | 20.6 | 14.4 | 144.5 | 10.2 | 0.8 | 10.1 | 304.3 | 335.9 | 11.6 | 67.5 | 2.1 | 10. |
| 3.9 | 14.8 | 1236.3 | 875.0 | 18.1 | 13.9 | 146.5 | 12.3 | 1.4 | 12.2 | 304.1 | 335.4 | 11.5 | 76.4 | 2.7 | 5. |
| 4.7 | 16.7 | 1530.4 | 850.0 | 16.0 | 12.6 | 157.8 | 13.6 | 4.1 | 12.9 | 304.4 | 334.1 | 10.9 | 80.3 | 3.3 | 5. |
| 5.7 | 18.9 | 1783.8 | 825.0 | 13.9 | 11.6 | 206.9 | 14.5 | 6.6 | 13.3 | 304.6 | 333.3 | 10.5 | 86.1 | 4.1 | 12. |
| 6.7 | 21.0 | 2043.1 | 800.0 | 12.2 | 10.5 | 210.4 | 16.2 | 8.2 | 14.0 | 305.5 | 333.3 | 10.1 | 84.3 | 5.0 | 15. |
| 7.4 | 23.4 | 2304.3 | 775.0 | 10.3 | 8.0 | 220.7 | 16.0 | 10.5 | 12.2 | 306.1 | 330.5 | 8.8 | 85.4 | 6.0 | 15. |
| 9.3 | 25.6 | 2583.1 | 750.0 | 11.7 | -4.1 | 233.6 | 14.9 | 12.0 | 8.9 | 305.8 | 321.8 | 4.1 | 36.4 | 7.1 | 23. |
| 10.2 | 28.0 | 2865.8 | 725.0 | 10.7 | -11.1 | 231.5 | 11.9 | 9.3 | 7.4 | 313.5 | 313.5 | 2.3 | 20.3 | 7.9 | 27. |
| 11.1 | 30.3 | 3157.4 | 700.0 | 9.7 | -13.9 | 214.3 | 12.0 | 6.8 | 9.3 | 313.5 | 313.3 | 1.9 | 17.4 | 8.6 | 25. |
| 12.3 | 33.0 | 3455.1 | 675.0 | 10.0 | -10.9 | 216.3 | 13.0 | 7.7 | 10.5 | 317.1 | 320.9 | 2.5 | 21.7 | 9.4 | 25. |
| 13.5 | 35.3 | 3771.8 | 650.0 | 7.9 | -10.9 | 221.7 | 12.8 | 8.5 | 9.6 | 318.1 | 320.1 | 2.6 | 25.2 | 10.3 | 30. |
| 14.9 | 38.2 | 4093.0 | 625.0 | 4.7 | -14.6 | 226.5 | 12.9 | 9.4 | 6.9 | 318.0 | 324.3 | 2.0 | 23.2 | 11.4 | 31. |
| 16.3 | 40.8 | 4424.1 | 600.0 | 2.2 | -17.5 | 221.0 | 12.4 | 10.8 | 6.0 | 318.8 | 324.0 | 1.6 | 21.6 | 12.4 | 33. |
| 17.5 | 43.7 | 4765.6 | 575.0 | -1.2 | -18.4 | 250.5 | 11.9 | 11.2 | 4.0 | 318.8 | 323.8 | 1.6 | 25.4 | 13.1 | 35. |
| 18.7 | 46.7 | 5117.8 | 550.0 | -4.6 | -20.1 | 251.7 | 12.4 | 11.7 | 3.9 | 318.8 | 323.4 | 1.4 | 28.5 | 13.7 | 35. |
| 20.2 | 49.7 | 5481.5 | 525.0 | -8.0 | -23.5 | 250.6 | 11.4 | 10.8 | 3.8 | 318.8 | 322.4 | 1.1 | 27.5 | 14.7 | 39. |
| 21.7 | 52.5 | 5858.1 | 500.0 | -11.7 | -25.5 | 251.5 | 13.0 | 12.3 | 4.1 | 318.8 | 322.0 | 1.0 | 30.7 | 15.4 | 47. |
| 23.2 | 55.4 | 6248.2 | 475.0 | -15.3 | -30.1 | 255.1 | 15.1 | 14.6 | 3.9 | 319.1 | 321.3 | 0.7 | 26.7 | 16.7 | 45. |
| 24.8 | 59.1 | 6654.5 | 450.0 | -17.5 | -34.9 | 257.2 | 18.2 | 17.7 | 4.0 | 321.2 | 321.8 | 0.4 | 20.2 | 18.7 | 45. |
| 26.4 | 62.7 | 7081.0 | 425.0 | -20.3 | -37.4 | 256.0 | 21.3 | 20.6 | 5.2 | 322.9 | 324.2 | 0.4 | 20.0 | 19.7 | 49. |
| 28.0 | 66.3 | 7527.2 | 400.0 | -23.4 | -40.3 | 258.1 | 21.4 | 20.9 | 4.4 | 324.5 | 325.6 | 0.3 | 19.4 | 21.5 | 52. |
| 29.9 | 70.1 | 7997.1 | 375.0 | -26.1 | -42.9 | 262.5 | 23.7 | 23.5 | 3.1 | 327.0 | 327.8 | 0.2 | 18.7 | 23.3 | 55. |
| 31.7 | 74.3 | 8451.9 | 350.0 | -30.3 | -46.3 | 263.7 | 23.9 | 23.8 | 2.6 | 327.8 | 329.4 | 0.2 | 19.0 | 26.1 | 57. |
| 33.7 | 78.2 | 9013.8 | 325.0 | -34.7 | -49.9 | 261.9 | 24.6 | 24.4 | 3.5 | 328.7 | 329.2 | 0.1 | 19.4 | 26.7 | 60. |
| 35.5 | 82.6 | 9577.3 | 300.0 | -39.6 | -54.0 | 264.7 | 24.9 | 24.8 | 2.3 | 329.5 | 329.8 | 0.1 | 19.7 | 31.4 | 67. |
| 37.7 | 87.2 | 10158.2 | 275.0 | -44.7 | -59.9 | 268.0 | 31.4 | 31.4 | 1.1 | 333.3 | 333.3 | 99.9 | 99.9 | 34.6 | 54. |
| 39.9 | 92.3 | 10755.3 | 250.0 | -47.8 | -59.9 | 268.2 | 37.6 | 37.5 | 1.2 | 335.0 | 335.0 | 99.9 | 99.9 | 39.2 | 67. |
| 42.4 | 97.5 | 11481.7 | 225.0 | -53.4 | -59.9 | 271.1 | 40.5 | 40.5 | -0.8 | 336.7 | 336.7 | 99.9 | 99.9 | 44.6 | 70. |
| 45.1 | 103.5 | 12229.1 | 200.0 | -59.6 | -59.9 | 274.8 | 40.1 | 39.9 | -3.3 | 338.3 | 338.3 | 99.9 | 99.9 | 51.9 | 73. |
| 48.4 | 110.0 | 13052.5 | 175.0 | -65.5 | -59.9 | 279.1 | 44.7 | 44.1 | -7.1 | 341.9 | 341.9 | 99.9 | 99.9 | 58.6 | 75. |
| 51.8 | 116.8 | 13957.7 | 150.0 | -61.6 | -59.9 | 284.9 | 23.4 | 23.3 | 2.1 | 364.1 | 364.1 | 99.9 | 99.9 | 66.7 | 78. |
| 56.0 | 125.0 | 15127.7 | 125.0 | -62.2 | -59.9 | 270.4 | 29.2 | 29.2 | -0.2 | 362.3 | 362.3 | 99.9 | 99.9 | 74.3 | 79. |
| 60.9 | 133.5 | 16492.9 | 100.0 | -66.7 | -59.9 | 262.9 | 21.5 | 21.4 | 2.7 | 398.9 | 398.9 | 99.9 | 99.9 | 80.8 | 80. |
| 66.7 | 142.3 | 18210.8 | 75.0 | -70.8 | -59.9 | 256.4 | 15.6 | 15.1 | 3.7 | 424.5 | 424.5 | 99.9 | 99.9 | 85.2 | 80. |
| 75.7 | 151.3 | 20722.4 | 50.0 | -58.5 | -59.9 | 335.5 | 6.9 | 2.9 | -6.3 | 505.8 | 505.8 | 99.9 | 99.9 | 89.7 | 81. |
| 89.3 | 160.3 | 25168.2 | 25.0 | -45.8 | -59.9 | 354.4 | 5.7 | 0.6 | -5.7 | 642.0 | 642.0 | 99.9 | 99.9 | 90.0 | 83. |

* BY SPEC MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 255
VICTORIA, TEX24 APRIL 1975
2015 GMT

| TIME MIN | CNTCT | HEIGHT GN | PRES WB | TEMP DG C | DEW PT DG C | DIR CG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|--------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.2 | 33.0 | 1008.4 | 30.0 | 21.4 | 170.0 | 12.4 | -2.2 | 12.2 | 304.6 | 304.0 | 16.1 | 60.0 | 0.0 | 0. |
| 0.2 | 4.5 | 107.7 | 1006.0 | 27.8 | 20.4 | 195.0 | 99.9 | 99.9 | 99.9 | 303.0 | 303.9 | 15.3 | 64.4 | 999.5 | 999. |
| 0.9 | 6.5 | 331.9 | 975.0 | 25.3 | 19.5 | 195.0 | 99.9 | 99.9 | 99.9 | 302.6 | 302.2 | 14.8 | 70.1 | 999.5 | 999. |
| 1.7 | 8.5 | 560.1 | 955.0 | 23.2 | 19.6 | 195.0 | 99.9 | 99.9 | 99.9 | 302.8 | 303.6 | 15.3 | 80.3 | 999.9 | 999. |
| 2.3 | 10.5 | 792.8 | 925.0 | 20.7 | 18.5 | 185.0 | 15.0 | 0.6 | 14.9 | 302.5 | 303.2 | 14.7 | 87.4 | 1.6 | 352. |
| 2.9 | 12.6 | 1025.8 | 900.0 | 19.3 | 13.6 | 185.0 | 15.6 | 1.4 | 15.5 | 303.0 | 303.2 | 11.2 | 70.4 | 2.1 | 355. |
| 3.7 | 14.5 | 1272.3 | 875.0 | 18.6 | 9.1 | 182.2 | 16.5 | 0.6 | 16.5 | 304.4 | 304.0 | 7.8 | 49.6 | 2.9 | 358. |
| 4.6 | 16.8 | 1520.5 | 850.0 | 17.1 | 2.9 | 182.5 | 14.3 | 0.6 | 14.3 | 304.9 | 304.7 | 5.6 | 38.6 | 3.8 | 358. |
| 5.5 | 19.1 | 1773.5 | 825.0 | 16.6 | -6.6 | 182.5 | 14.1 | 2.4 | 15.9 | 306.7 | 307.2 | 2.8 | 17.9 | 4.5 | 360. |
| 6.3 | 21.2 | 2038.7 | 800.0 | 18.0 | -6.7 | 182.7 | 16.3 | 2.2 | 16.2 | 310.7 | 313.5 | 2.9 | 17.9 | 5.3 | 1. |
| 7.2 | 23.6 | 2309.6 | 775.0 | 16.8 | -6.7 | 17.1 | 15.1 | 2.4 | 14.9 | 312.3 | 321.4 | 3.0 | 19.2 | 6.2 | 2. |
| 8.1 | 25.8 | 2587.9 | 750.0 | 15.5 | -9.9 | 180.4 | 14.6 | 2.4 | 14.4 | 313.8 | 321.2 | 2.4 | 16.4 | 6.9 | 3. |
| 9.1 | 28.2 | 2874.0 | 725.0 | 14.0 | -11.2 | 180.0 | 13.5 | 1.4 | 13.4 | 315.1 | 322.1 | 2.2 | 16.2 | 7.8 | 4. |
| 10.0 | 30.7 | 3169.0 | 700.0 | 12.8 | -12.1 | 187.8 | 10.5 | 1.4 | 10.4 | 316.9 | 323.7 | 2.1 | 16.3 | 8.4 | 3. |
| 10.9 | 33.2 | 3472.0 | 675.0 | 10.9 | -12.9 | 190.6 | 7.9 | 2.5 | 7.4 | 318.1 | 324.8 | 2.1 | 17.4 | 8.9 | 4. |
| 11.9 | 35.7 | 3786.7 | 650.0 | 8.9 | -5.9 | 219.3 | 6.8 | 4.3 | 5.3 | 319.5 | 331.3 | 3.8 | 34.9 | 9.3 | 5. |
| 13.0 | 38.2 | 4105.6 | 625.0 | 5.9 | -8.1 | 233.2 | 7.2 | 6.0 | 3.9 | 319.7 | 331.7 | 3.9 | 41.5 | 9.7 | 7. |
| 14.1 | 40.9 | 4442.1 | 600.0 | 2.7 | -7.6 | 233.2 | 7.7 | 6.2 | 4.6 | 319.7 | 330.8 | 3.6 | 46.2 | 9.9 | 9. |
| 15.2 | 43.6 | 4784.7 | 575.0 | -0.7 | -9.7 | 232.1 | 7.6 | 6.0 | 4.6 | 319.6 | 329.9 | 3.3 | 52.7 | 10.4 | 11. |
| 16.4 | 46.5 | 5137.4 | 550.0 | -4.0 | -13.9 | 233.7 | 7.4 | 6.1 | 4.2 | 319.6 | 327.3 | 2.4 | 46.3 | 10.7 | 13. |
| 17.6 | 49.5 | 5503.1 | 525.0 | -6.8 | -20.9 | 247.9 | 8.6 | 8.0 | 3.2 | 320.4 | 324.9 | 1.4 | 31.5 | 11.1 | 15. |
| 18.9 | 52.3 | 5852.0 | 500.0 | -9.6 | -22.7 | 260.0 | 11.0 | 10.8 | 1.9 | 321.4 | 325.5 | 1.2 | 33.5 | 11.5 | 18. |
| 20.1 | 55.4 | 6276.6 | 475.0 | -12.0 | -29.2 | 269.0 | 14.7 | 14.7 | 0.2 | 323.1 | 325.5 | 0.7 | 20.9 | 12.0 | 23. |
| 21.8 | 58.5 | 6688.0 | 450.0 | -15.0 | -29.5 | 269.0 | 17.9 | 17.9 | 1.6 | 325.5 | 327.0 | 0.7 | 27.7 | 12.6 | 29. |
| 23.2 | 61.9 | 7117.2 | 425.0 | -18.5 | -42.6 | 259.2 | 18.3 | 17.8 | 4.3 | 325.2 | 327.7 | 0.7 | 34.4 | 13.7 | 34. |
| 24.8 | 65.4 | 7566.7 | 400.0 | -21.7 | -42.6 | 259.2 | 20.6 | 20.6 | 3.9 | 325.7 | 327.6 | 0.2 | 13.5 | 15.1 | 39. |
| 26.3 | 68.9 | 8039.4 | 375.0 | -24.7 | -36.4 | 256.1 | 23.8 | 23.3 | 4.4 | 326.9 | 330.5 | 0.4 | 32.7 | 16.8 | 43. |
| 27.9 | 72.4 | 8384.5 | 350.0 | -27.8 | -33.1 | 271.5 | 26.0 | 26.0 | -0.7 | 331.2 | 333.6 | 0.7 | 60.4 | 18.5 | 48. |
| 29.6 | 76.5 | 9066.6 | 325.0 | -32.1 | -36.3 | 275.9 | 27.5 | 27.3 | -2.8 | 332.4 | 334.3 | 0.5 | 66.0 | 20.6 | 54. |
| 31.3 | 80.6 | 9626.7 | 300.0 | -36.4 | -43.6 | 270.6 | 28.0 | 28.0 | -0.1 | 334.0 | 335.0 | 0.3 | 47.3 | 22.6 | 58. |
| 33.2 | 85.0 | 10223.7 | 275.0 | -41.0 | 99.9 | 268.8 | 28.0 | 27.9 | 0.6 | 335.9 | 999.9 | 99.9 | 999.9 | 25.6 | 62. |
| 35.3 | 89.4 | 10863.5 | 250.0 | -43.6 | 99.9 | 265.4 | 32.8 | 32.8 | 0.4 | 338.4 | 999.9 | 99.9 | 999.9 | 29.1 | 65. |
| 37.5 | 94.6 | 11558.7 | 225.0 | -51.6 | 99.9 | 272.2 | 35.4 | 35.4 | -1.4 | 339.4 | 999.9 | 99.9 | 999.9 | 33.3 | 69. |
| 39.9 | 99.3 | 12310.9 | 200.0 | -58.4 | 99.9 | 273.9 | 32.5 | 32.5 | -1.7 | 340.3 | 999.9 | 99.9 | 999.9 | 37.7 | 72. |
| 42.5 | 105.3 | 13137.8 | 175.0 | -65.1 | 99.9 | 273.8 | 36.2 | 36.0 | -3.7 | 342.6 | 999.9 | 99.9 | 999.9 | 43.1 | 74. |
| 45.7 | 112.0 | 14066.2 | 150.0 | -68.7 | 99.9 | 281.0 | 26.4 | 25.9 | -5.0 | 345.2 | 999.9 | 99.9 | 999.9 | 49.7 | 78. |
| 49.3 | 119.3 | 15177.0 | 125.0 | -68.2 | 99.9 | 288.3 | 25.4 | 25.4 | 0.7 | 375.1 | 999.9 | 99.9 | 999.9 | 55.5 | 79. |
| 53.8 | 128.0 | 16519.5 | 100.0 | -70.0 | 99.9 | 259.0 | 20.8 | 20.4 | 4.0 | 392.5 | 999.9 | 99.9 | 999.9 | 61.5 | 79. |
| 59.0 | 137.3 | 18234.6 | 75.0 | -68.5 | 99.9 | 245.5 | 9.6 | 8.6 | 3.9 | 428.3 | 999.9 | 99.9 | 999.9 | 65.2 | 79. |
| 66.5 | 147.5 | 20716.0 | 50.0 | -61.7 | 99.9 | 224.4 | 3.6 | -1.4 | -7.4 | 498.2 | 999.9 | 99.9 | 999.9 | 67.4 | 80. |
| 78.3 | 158.5 | 25151.8 | 25.0 | -51.3 | 99.9 | 48.7 | 6.1 | -8.6 | -4.0 | 637.3 | 999.9 | 99.9 | 999.9 | 65.5 | 81. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 260
STEPHENSVILLE, TEX

24 APRIL 1975
2015 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SLC | V COMP M/SLC | PUT T DG K | E POT T DG K | MX R'' GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.5 | 399.0 | 963.4 | 30.1 | 19.5 | 190.0 | 7.5 | 1.3 | 7.4 | 303.5 | 347.2 | 14.1 | 50.0 | 0.0 | 0 |
| 99.9 | 59.9 | 50.9 | 1300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 10.5 | 523.9 | 950.0 | 27.5 | 15.6 | 181.0 | 9.7 | 0.2 | 9.7 | 306.7 | 339.3 | 11.9 | 49.3 | 0.4 | 1 |
| 1.5 | 12.9 | 753.9 | 925.0 | 24.4 | 13.8 | 189.0 | 11.7 | 1.6 | 11.6 | 305.8 | 335.4 | 10.8 | 51.4 | 0.4 | 1 |
| 2.2 | 15.2 | 558.5 | 900.0 | 22.0 | 13.4 | 195.3 | 11.3 | 3.7 | 10.0 | 305.6 | 335.3 | 10.8 | 54.3 | 1.4 | 0 |
| 2.9 | 17.5 | 1241.5 | 875.0 | 19.5 | 12.9 | 200.7 | 10.3 | 3.6 | 5.6 | 305.5 | 335.1 | 10.8 | 65.5 | 1.9 | 10 |
| 3.9 | 20.0 | 1451.5 | 850.0 | 16.9 | 12.9 | 202.4 | 11.1 | 4.2 | 10.2 | 305.4 | 335.6 | 11.1 | 76.8 | 3.4 | 12 |
| 4.2 | 22.4 | 1745.3 | 825.0 | 14.8 | 12.7 | 213.0 | 10.9 | 6.0 | 9.1 | 305.7 | 336.7 | 11.3 | 87.4 | 3.0 | 10 |
| 6.1 | 25.0 | 2007.7 | 800.0 | 12.5 | 7.4 | 216.2 | 7.3 | 4.3 | 5.9 | 305.8 | 332.9 | 8.1 | 54.8 | 3.9 | 20 |
| 7.1 | 27.4 | 2277.3 | 775.0 | 10.2 | 5.3 | 201.0 | 7.9 | 2.8 | 7.4 | 310.0 | 333.7 | 7.2 | 54.9 | 4.2 | 21 |
| 8.0 | 30.2 | 2553.4 | 750.0 | 11.9 | 5.2 | 218.3 | 7.9 | 4.8 | 6.1 | 310.5 | 331.8 | 7.5 | 63.8 | 4.4 | 21 |
| 8.9 | 33.0 | 2836.9 | 725.0 | 10.3 | 2.8 | 238.5 | 11.4 | 9.8 | 6.0 | 311.6 | 330.4 | 6.5 | 59.4 | 5.3 | 24 |
| 9.3 | 35.7 | 3129.4 | 700.0 | 10.0 | 0.4 | 230.8 | 15.1 | 12.7 | 8.3 | 310.3 | 331.0 | 5.6 | 51.2 | 5.0 | 20 |
| 10.6 | 36.5 | 3430.9 | 675.0 | 7.9 | -0.2 | 231.7 | 17.1 | 13.5 | 10.6 | 315.2 | 331.8 | 5.6 | 50.7 | 6.4 | 34 |
| 11.7 | 41.3 | 3741.4 | 650.0 | 5.5 | -1.0 | 225.5 | 19.3 | 13.7 | 12.5 | 315.8 | 331.5 | 5.3 | 60.4 | 7.5 | 34 |
| 12.7 | 44.3 | 4060.9 | 625.0 | 2.8 | -5.8 | 225.5 | 19.8 | 14.1 | 12.9 | 316.2 | 328.2 | 4.0 | 52.8 | 8.7 | 30 |
| 13.9 | 47.4 | 4395.9 | 600.0 | 0.1 | -12.2 | 224.6 | 20.3 | 14.3 | 14.5 | 316.5 | 324.3 | 2.5 | 39.1 | 10.0 | 37 |
| 14.9 | 50.4 | 4729.2 | 575.0 | -2.7 | -15.1 | 223.5 | 20.6 | 14.2 | 14.9 | 317.1 | 323.6 | 2.0 | 37.6 | 11.3 | 30 |
| 16.1 | 53.6 | 5075.5 | 550.0 | -6.1 | -15.8 | 226.7 | 20.7 | 15.1 | 14.2 | 317.0 | 323.4 | 2.0 | 45.9 | 12.6 | 34 |
| 17.1 | 56.6 | 5441.7 | 525.0 | -8.2 | -18.0 | 233.8 | 21.2 | 17.1 | 12.5 | 317.5 | 323.1 | 1.8 | 48.9 | 14.3 | 40 |
| 19.5 | 60.3 | 5816.6 | 500.0 | -12.7 | -20.3 | 237.9 | 23.3 | 19.7 | 12.4 | 317.7 | 322.8 | 1.6 | 53.9 | 15.8 | 41 |
| 19.7 | 63.5 | 6205.6 | 475.0 | -16.0 | -43.2 | 243.2 | 22.5 | 20.4 | 10.3 | 318.3 | 320.4 | 0.7 | 28.9 | 17.5 | 43 |
| 21.2 | 67.0 | 6611.4 | 450.0 | -17.8 | -61.2 | 246.3 | 22.3 | 20.4 | 9.0 | 320.9 | 320.9 | 0.0 | 1.0 | 19.2 | 45 |
| 22.5 | 70.6 | 7037.0 | 425.0 | -20.3 | -62.9 | 246.0 | 22.6 | 22.5 | 10.0 | 322.8 | 322.9 | 0.0 | 1.0 | 21.1 | 47 |
| 23.9 | 74.3 | 7432.5 | 400.0 | -24.1 | -65.3 | 246.4 | 22.9 | 25.0 | 5.9 | 323.6 | 323.7 | 0.0 | 1.0 | 23.1 | 47 |
| 25.4 | 78.3 | 7949.4 | 375.0 | -28.2 | -68.0 | 251.8 | 25.9 | 24.6 | 8.1 | 324.2 | 324.3 | 0.0 | 1.0 | 25.5 | 51 |
| 27.0 | 82.4 | 8443.2 | 350.0 | -32.4 | -70.8 | 254.9 | 24.5 | 23.6 | 6.4 | 324.9 | 325.0 | 0.0 | 1.0 | 27.7 | 53 |
| 29.5 | 86.5 | 8958.3 | 325.0 | -36.0 | -73.5 | 253.8 | 34.1 | 32.7 | 5.5 | 327.0 | 327.5 | 0.1 | 23.4 | 30.1 | 55 |
| 30.2 | 91.2 | 9510.4 | 300.0 | -39.6 | -79.0 | 255.0 | 30.4 | 35.8 | 7.0 | 327.5 | 327.5 | 0.1 | 23.4 | 30.1 | 55 |
| 31.8 | 95.9 | 10100.3 | 275.0 | -43.7 | -84.9 | 253.5 | 41.5 | 39.8 | 11.8 | 331.9 | 329.9 | 99.9 | 99.9 | 36.8 | 54 |
| 33.4 | 100.8 | 10734.4 | 250.0 | -48.0 | -90.9 | 253.0 | 42.4 | 43.7 | 11.9 | 333.8 | 329.9 | 99.9 | 99.9 | 41.7 | 61 |
| 35.9 | 106.3 | 11418.1 | 225.0 | -54.3 | -95.9 | 250.8 | 43.4 | 42.8 | 6.2 | 335.3 | 329.9 | 99.9 | 99.9 | 45.9 | 62 |
| 34.1 | 112.0 | 12162.8 | 200.0 | -60.1 | -99.9 | 250.4 | 50.2 | 50.8 | 12.7 | 337.6 | 329.9 | 99.9 | 99.9 | 53.0 | 65 |
| 40.4 | 119.3 | 12944.9 | 175.0 | -65.5 | -99.9 | 260.4 | 55.9 | 55.8 | 3.5 | 341.8 | 329.9 | 99.9 | 99.9 | 60.4 | 67 |
| 43.3 | 125.3 | 13929.0 | 150.0 | -62.8 | -99.9 | 255.7 | 38.7 | 37.5 | 5.5 | 341.9 | 329.9 | 99.9 | 99.9 | 67.4 | 69 |
| 46.3 | 132.7 | 15053.7 | 125.0 | -62.0 | -99.9 | 260.0 | 20.5 | 20.1 | 4.6 | 342.8 | 329.9 | 99.9 | 99.9 | 75.0 | 70 |
| 50.9 | 140.3 | 16426.0 | 100.0 | -62.7 | -99.9 | 240.0 | 25.4 | 23.7 | 9.1 | 400.5 | 329.9 | 99.9 | 99.9 | 81.8 | 70 |
| 56.1 | 148.7 | 13171.5 | 75.0 | -66.7 | -99.9 | 262.4 | 11.8 | 11.7 | 1.6 | 433.2 | 329.9 | 99.9 | 99.9 | 85.4 | 71 |
| 63.5 | 157.3 | 20676.3 | 50.0 | -59.1 | -99.9 | 268.3 | 4.7 | 4.7 | 0.1 | 508.3 | 329.9 | 99.9 | 99.9 | 88.4 | 72 |
| 75.4 | 166.5 | 25136.5 | 25.0 | -50.4 | -99.9 | 31.0 | 6.9 | -5.4 | -4.4 | 640.1 | 329.9 | 99.9 | 99.9 | 86.5 | 73 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 261
DEL RIO, TEX

24 APRIL 1975
2015 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | CLW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.0 | 314.0 | 572.1 | 29.4 | 19.1 | 120.0 | 2.6 | -2.0 | 1.7 | 307.0 | 345.6 | 14.5 | 54.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 92.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.7 | 11.3 | 518.2 | 950.0 | 26.5 | 17.5 | 118.3 | 3.6 | -3.2 | 1.7 | 305.9 | 342.4 | 13.4 | 57.9 | 0.2 | 315. |
| 1.7 | 13.5 | 753.2 | 925.0 | 24.3 | 16.8 | 105.9 | 4.0 | -3.8 | 1.1 | 305.9 | 341.7 | 13.1 | 63.1 | 0.4 | 304. |
| 2.5 | 15.4 | 592.9 | 900.0 | 22.4 | 16.5 | 66.5 | 2.8 | -2.6 | -1.1 | 306.4 | 342.7 | 13.3 | 69.5 | 0.5 | 294. |
| 3.3 | 16.4 | 1237.7 | 875.0 | 20.2 | 15.7 | 30.9 | 2.3 | -1.2 | -2.0 | 306.6 | 345.0 | 13.0 | 75.4 | 0.6 | 254. |
| 4.0 | 20.8 | 1468.7 | 850.0 | 21.5 | 10.5 | 320.5 | 4.5 | 2.8 | -3.4 | 310.0 | 335.7 | 9.5 | 49.7 | 0.6 | 273. |
| 4.9 | 23.4 | 1747.6 | 825.0 | 20.7 | 4.4 | 258.6 | 6.7 | 5.9 | -3.2 | 311.4 | 330.0 | 6.4 | 34.4 | 0.4 | 242. |
| 5.9 | 25.3 | 2012.6 | 800.0 | 19.5 | -5.4 | 243.4 | 3.6 | 3.2 | 1.6 | 312.4 | 321.9 | 3.1 | 17.6 | 0.2 | 171. |
| 6.8 | 28.7 | 2284.6 | 775.0 | 18.2 | -13.9 | 509.9 | 99.9 | 99.9 | 99.9 | 313.6 | 318.9 | 1.7 | 9.9 | 999.9 | 99.9 |
| 7.8 | 31.4 | 2563.9 | 750.0 | 16.4 | -15.1 | 999.9 | 99.9 | 99.9 | 99.9 | 314.6 | 319.6 | 1.6 | 10.1 | 999.9 | 99.9 |
| 8.8 | 34.3 | 2851.2 | 725.0 | 15.4 | -15.8 | 270.3 | 16.5 | 16.5 | -0.1 | 316.5 | 321.4 | 1.5 | 10.2 | 2.3 | 173. |
| 9.7 | 37.9 | 3146.9 | 700.0 | 13.3 | -17.2 | 255.8 | 12.5 | 1.1 | 3.1 | 317.4 | 322.0 | 1.4 | 10.4 | 3.1 | 98. |
| 10.8 | 38.6 | 3450.8 | 675.0 | 10.5 | -19.0 | 238.3 | 11.5 | 9.8 | 6.1 | 317.6 | 321.7 | 1.3 | 10.7 | 3.7 | 92. |
| 11.9 | 42.7 | 3763.1 | 650.0 | 7.7 | -20.9 | 228.1 | 11.9 | 8.9 | 8.0 | 317.8 | 321.5 | 1.1 | 10.9 | 4.3 | 86. |
| 13.0 | 45.9 | 4064.4 | 625.0 | 5.0 | -18.4 | 221.9 | 11.8 | 7.9 | 6.8 | 318.4 | 323.0 | 1.4 | 16.3 | 5.0 | 60. |
| 14.2 | 48.9 | 4415.5 | 600.0 | 1.9 | -16.4 | 225.1 | 14.0 | 9.9 | 9.9 | 318.5 | 324.1 | 1.8 | 24.2 | 5.6 | 74. |
| 15.2 | 51.8 | 4757.0 | 575.0 | -0.5 | -18.2 | 237.5 | 16.6 | 14.0 | 8.9 | 319.6 | 325.7 | 1.6 | 24.9 | 6.5 | 71. |
| 16.3 | 55.0 | 5110.8 | 550.0 | -2.7 | -22.4 | 247.1 | 19.2 | 17.7 | 7.5 | 321.0 | 326.8 | 1.1 | 20.2 | 7.7 | 70. |
| 17.4 | 58.0 | 5477.6 | 525.0 | -5.3 | -32.0 | 252.2 | 21.5 | 20.5 | 6.6 | 322.0 | 328.0 | 0.5 | 10.0 | 9.1 | 70. |
| 18.7 | 61.6 | 5854.1 | 500.0 | -8.7 | -27.5 | 258.8 | 22.0 | 21.6 | 4.3 | 322.5 | 325.2 | 0.8 | 20.0 | 10.8 | 71. |
| 20.1 | 65.1 | 6253.1 | 475.0 | -11.7 | -27.3 | 262.2 | 24.0 | 23.8 | 3.3 | 323.6 | 326.5 | 0.9 | 25.9 | 12.6 | 72. |
| 21.4 | 68.5 | 6665.8 | 450.0 | -14.0 | -24.8 | 260.1 | 24.7 | 24.3 | 4.2 | 325.7 | 329.4 | 0.8 | 27.1 | 14.7 | 73. |
| 22.9 | 71.9 | 7097.4 | 425.0 | -16.4 | -37.4 | 255.2 | 23.7 | 22.9 | 6.1 | 327.9 | 329.2 | 0.4 | 14.3 | 16.7 | 74. |
| 24.4 | 75.7 | 7580.1 | 400.0 | -20.0 | -28.3 | 256.7 | 23.2 | 22.6 | 5.3 | 329.0 | 332.2 | 0.9 | 47.6 | 18.7 | 74. |
| 25.8 | 79.7 | 8025.3 | 375.0 | -23.6 | -31.2 | 266.0 | 28.6 | 28.6 | 2.0 | 330.3 | 333.0 | 0.7 | 49.4 | 21.1 | 75. |
| 27.2 | 83.5 | 8525.8 | 350.0 | -27.7 | -35.9 | 265.4 | 28.7 | 28.6 | 2.3 | 331.4 | 333.2 | 0.5 | 45.0 | 23.3 | 76. |
| 28.7 | 87.5 | 9054.3 | 325.0 | -31.6 | -41.6 | 261.6 | 29.4 | 29.1 | 4.3 | 332.1 | 334.2 | 0.3 | 36.2 | 25.9 | 77. |
| 30.5 | 92.3 | 9414.5 | 300.0 | -36.4 | -46.7 | 259.4 | 29.7 | 29.2 | 5.5 | 334.0 | 336.7 | 0.2 | 33.2 | 29.1 | 77. |
| 32.3 | 96.6 | 9712.3 | 275.0 | -41.1 | -49.9 | 257.8 | 31.6 | 30.9 | 6.7 | 335.7 | 339.9 | 99.9 | 999.9 | 32.5 | 77. |
| 34.3 | 101.3 | 10053.0 | 250.0 | -46.0 | -52.9 | 257.8 | 31.6 | 30.9 | 6.7 | 337.7 | 342.6 | 99.9 | 999.9 | 36.4 | 77. |
| 36.6 | 106.6 | 11544.6 | 225.0 | -52.0 | -59.9 | 262.8 | 35.3 | 35.3 | 4.4 | 338.6 | 345.9 | 99.9 | 999.9 | 40.9 | 74. |
| 39.9 | 112.0 | 12396.3 | 200.0 | -58.0 | -66.0 | 259.5 | 43.1 | 42.4 | 7.8 | 340.9 | 348.9 | 99.9 | 999.9 | 46.1 | 78. |
| 41.7 | 116.3 | 13123.6 | 175.0 | -65.0 | -69.9 | 260.1 | 44.3 | 43.7 | 7.6 | 342.6 | 350.9 | 99.9 | 999.9 | 53.4 | 78. |
| 44.7 | 125.0 | 14051.7 | 150.0 | -66.3 | -69.9 | 277.7 | 39.9 | 39.5 | -5.3 | 356.0 | 359.9 | 99.9 | 999.9 | 61.3 | 80. |
| 48.1 | 128.0 | 15156.6 | 125.0 | -65.8 | -93.9 | 254.1 | 25.2 | 24.2 | 6.9 | 375.8 | 379.9 | 99.9 | 999.9 | 67.4 | 90. |
| 52.3 | 139.3 | 16506.5 | 100.0 | -67.4 | -93.9 | 253.3 | 21.0 | 21.2 | 5.5 | 397.5 | 399.9 | 99.9 | 999.9 | 73.3 | 79. |
| 57.7 | 147.3 | 19228.9 | 75.0 | -65.1 | -99.9 | 277.2 | 9.9 | 9.8 | -1.2 | 428.1 | 428.9 | 99.9 | 999.9 | 78.9 | 79. |
| 65.0 | 156.3 | 20716.9 | 50.0 | -56.8 | -99.9 | 279.6 | 5.9 | 5.8 | -1.0 | 502.7 | 509.9 | 99.9 | 999.9 | 91.6 | 80. |
| 76.2 | 165.7 | 25151.5 | 25.0 | -51.0 | -99.9 | 29.6 | 2.5 | -1.3 | -2.2 | 638.5 | 639.0 | 99.9 | 999.9 | 81.3 | 81. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 16 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 265
MIDLAND, TEX24 APRIL 1975
2015 GMT

| TIME MIN | CATCT | HEIGHT GEM | PRES MB | TEMP DG C | DEW PT DG C | CG CG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E OUT T DG K | MR RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 1 | 0 | 911.3 | 31.1 | -1.6 | 200.0 | 7.2 | 7.1 | -1.2 | 313.0 | 320.2 | 3.7 | 12.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 13.0 | 984.1 | 500.0 | 23.0 | 0.1 | 999.9 | 99.9 | 99.9 | 99.9 | 312.0 | 324.8 | 4.3 | 15.4 | 99.9 | 99.9 |
| 0.4 | 15.2 | 1232.6 | 875.0 | 25.7 | -2.3 | 999.9 | 99.9 | 99.9 | 99.9 | 311.0 | 324.1 | 3.7 | 15.6 | 99.9 | 99.9 |
| 1.8 | 17.4 | 1464.0 | 850.0 | 23.4 | -4.0 | 999.9 | 99.9 | 99.9 | 99.9 | 311.0 | 324.1 | 3.3 | 15.8 | 99.9 | 99.9 |
| 3.4 | 19.4 | 1744.4 | 825.0 | 20.6 | -6.0 | 264.7 | 6.8 | 6.8 | 0.6 | 310.8 | 317.7 | 3.0 | 16.0 | 1.3 | 1.3 |
| 4.9 | 22.0 | 2004.5 | 600.0 | 18.3 | -7.8 | 272.7 | 6.0 | 6.0 | -0.2 | 311.0 | 317.7 | 2.7 | 16.2 | 1.8 | 1.8 |
| 5.9 | 24.4 | 2278.9 | 775.0 | 15.7 | -9.7 | 269.0 | 5.0 | 5.0 | 0.0 | 311.0 | 318.3 | 2.4 | 16.4 | 2.2 | 2.2 |
| 6.8 | 26.7 | 2555.3 | 750.0 | 13.2 | -11.6 | 263.1 | 5.7 | 5.7 | 0.7 | 311.1 | 317.6 | 2.1 | 16.6 | 2.5 | 2.5 |
| 7.7 | 29.3 | 2938.6 | 725.0 | 10.3 | -13.4 | 260.3 | 6.2 | 6.2 | 1.0 | 311.0 | 316.7 | 1.8 | 16.8 | 2.9 | 2.9 |
| 8.6 | 32.0 | 3128.7 | 700.0 | 7.8 | -15.7 | 251.8 | 7.7 | 7.7 | 2.4 | 311.3 | 316.3 | 1.6 | 16.9 | 3.1 | 3.1 |
| 9.5 | 34.7 | 3427.7 | 675.0 | 6.7 | -16.6 | 250.2 | 11.1 | 10.5 | 1.8 | 313.3 | 314.2 | 1.5 | 17.0 | 3.6 | 3.6 |
| 10.5 | 37.2 | 3736.3 | 650.0 | 4.4 | -18.3 | 253.9 | 14.2 | 13.6 | 3.9 | 314.1 | 314.6 | 1.4 | 17.2 | 4.3 | 4.3 |
| 11.4 | 40.0 | 4053.6 | 625.0 | 1.7 | -20.4 | 258.3 | 15.8 | 15.5 | 3.2 | 314.6 | 314.5 | 1.2 | 17.4 | 5.2 | 5.2 |
| 12.5 | 42.8 | 4391.2 | 600.0 | -0.8 | -24.4 | 259.7 | 18.2 | 17.9 | 3.2 | 315.3 | 314.2 | 0.9 | 17.7 | 6.3 | 6.3 |
| 13.7 | 45.7 | 4713.9 | 575.0 | -2.5 | -25.4 | 254.6 | 22.0 | 21.2 | 5.7 | 317.2 | 320.0 | 0.8 | 18.2 | 7.7 | 7.7 |
| 14.9 | 48.9 | 5071.5 | 550.0 | -4.1 | -27.3 | 249.3 | 24.2 | 22.6 | 8.5 | 319.3 | 321.8 | 0.7 | 18.3 | 9.4 | 9.4 |
| 16.2 | 51.6 | 5436.6 | 525.0 | -6.8 | -29.3 | 246.6 | 26.2 | 24.1 | 10.4 | 320.3 | 322.5 | 0.6 | 18.5 | 11.4 | 11.4 |
| 17.5 | 54.7 | 5815.1 | 500.0 | -9.7 | -31.5 | 246.2 | 26.8 | 24.9 | 9.9 | 321.2 | 323.1 | 0.5 | 18.8 | 13.5 | 13.5 |
| 18.3 | 56.1 | 6205.0 | 475.0 | -12.4 | -33.6 | 247.4 | 25.8 | 23.9 | 6.7 | 322.7 | 324.3 | 0.5 | 19.0 | 15.6 | 15.6 |
| 20.1 | 61.6 | 6615.6 | 450.0 | -15.5 | -36.0 | 246.5 | 26.6 | 24.4 | 10.6 | 323.7 | 325.1 | 0.4 | 19.3 | 17.4 | 17.4 |
| 21.3 | 65.1 | 7047.8 | 425.0 | -19.1 | -38.8 | 245.9 | 27.4 | 25.7 | 5.4 | 324.4 | 325.6 | 0.3 | 19.4 | 19.5 | 19.5 |
| 22.7 | 68.7 | 7496.0 | 400.0 | -22.7 | -41.5 | 252.7 | 28.8 | 27.6 | 8.1 | 325.5 | 326.4 | 0.2 | 19.9 | 21.4 | 21.4 |
| 24.0 | 72.3 | 7956.0 | 375.0 | -26.2 | -44.3 | 254.7 | 30.2 | 30.2 | 8.3 | 326.9 | 327.5 | 0.2 | 20.2 | 23.1 | 23.1 |
| 25.5 | 76.4 | 8461.0 | 350.0 | -30.1 | -47.4 | 254.4 | 30.2 | 29.7 | 5.5 | 328.1 | 328.7 | 0.1 | 20.5 | 24.8 | 24.8 |
| 27.1 | 80.7 | 8982.6 | 325.0 | -34.5 | -50.9 | 241.8 | 33.4 | 33.1 | 4.8 | 329.1 | 329.5 | 0.1 | 20.9 | 26.4 | 26.4 |
| 28.9 | 85.2 | 9538.4 | 300.0 | -38.5 | -54.1 | 254.5 | 37.3 | 36.6 | 6.8 | 331.0 | 331.3 | 0.1 | 21.2 | 33.5 | 33.5 |
| 30.4 | 89.9 | 10131.4 | 275.0 | -42.3 | -59.9 | 255.2 | 40.8 | 39.5 | 10.4 | 334.0 | 334.9 | 99.9 | 99.9 | 37.4 | 37.4 |
| 32.4 | 95.0 | 10767.6 | 250.0 | -48.0 | -66.0 | 257.5 | 42.3 | 41.3 | 9.1 | 334.6 | 334.9 | 99.9 | 99.9 | 48.7 | 48.7 |
| 35.0 | 100.2 | 11455.2 | 225.0 | -53.1 | -73.1 | 258.1 | 45.2 | 44.3 | 9.3 | 337.1 | 337.1 | 99.9 | 99.9 | 55.7 | 55.7 |
| 37.4 | 106.0 | 12202.7 | 200.0 | -59.5 | -79.9 | 256.0 | 49.2 | 47.7 | 11.9 | 338.5 | 338.5 | 99.9 | 99.9 | 63.7 | 63.7 |
| 39.9 | 112.3 | 13026.7 | 175.0 | -64.5 | -86.9 | 258.9 | 58.1 | 57.0 | 11.2 | 343.6 | 343.6 | 99.9 | 99.9 | 72.3 | 72.3 |
| 42.9 | 119.3 | 13775.4 | 150.0 | -62.4 | -84.9 | 262.6 | 36.1 | 35.8 | 4.7 | 342.6 | 342.6 | 99.9 | 99.9 | 78.9 | 78.9 |
| 46.4 | 127.3 | 15009.9 | 125.0 | -63.3 | -84.9 | 262.6 | 33.6 | 32.0 | 10.2 | 340.3 | 340.3 | 99.9 | 99.9 | 87.1 | 87.1 |
| 50.7 | 136.0 | 16468.6 | 100.0 | -65.6 | -89.9 | 257.9 | 23.0 | 22.5 | 4.9 | 401.1 | 401.1 | 99.9 | 99.9 | 93.0 | 93.0 |
| 56.1 | 149.0 | 19212.9 | 75.0 | -66.0 | -94.9 | 303.4 | 5.9 | 4.9 | -3.2 | 434.6 | 434.6 | 99.9 | 99.9 | 95.2 | 95.2 |
| 63.6 | 158.0 | 20726.1 | 50.0 | -59.2 | -99.9 | 261.0 | 1.2 | 1.2 | 0.2 | 504.1 | 504.1 | 99.9 | 99.9 | 98.3 | 98.3 |
| 75.4 | 185.5 | 35186.5 | 25.0 | -50.4 | -99.9 | 278.7 | 4.0 | 4.0 | -0.6 | 634.9 | 634.9 | 99.9 | 99.9 | 98.3 | 98.3 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 704
MATTERAS, NC

24 APRIL 1975
2100 GMT

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD GM/KG | RM PCT | RANGE KM | AZ UG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.6 | 4.0 | 1019.9 | 22.6 | 15.4 | 210.0 | 7.2 | 3.6 | 6.2 | 255.6 | 324.3 | 10.9 | 64.0 | 0.0 | 0. |
| 0.7 | 4.3 | 166.7 | 1000.0 | 20.6 | 14.1 | 211.3 | 20.7 | 10.8 | 17.7 | 253.1 | 321.8 | 10.2 | 66.2 | 0.6 | 27. |
| 1.6 | 8.7 | 395.1 | 975.0 | 18.6 | 13.1 | 211.1 | 18.9 | 9.8 | 16.2 | 253.2 | 321.0 | 9.8 | 70.6 | 1.7 | 30. |
| 2.5 | 11.1 | 607.3 | 950.0 | 16.4 | 10.6 | 215.0 | 20.7 | 11.9 | 17.0 | 295.0 | 317.5 | 8.5 | 68.4 | 2.8 | 31. |
| 3.5 | 13.6 | 633.8 | 925.0 | 14.6 | 8.4 | 219.0 | 20.0 | 12.6 | 15.5 | 255.3 | 315.9 | 7.7 | 68.1 | 3.9 | 33. |
| 4.4 | 16.3 | 1065.1 | 900.0 | 13.5 | 5.7 | 219.1 | 18.5 | 11.7 | 15.4 | 296.3 | 313.7 | 6.4 | 55.1 | 5.0 | 34. |
| 5.3 | 18.6 | 1302.2 | 875.0 | 13.0 | 1.2 | 218.2 | 15.8 | 9.8 | 12.4 | 258.0 | 312.0 | 5.1 | 47.0 | 5.9 | 35. |
| 6.3 | 21.3 | 1545.7 | 850.0 | 12.4 | 4.6 | 221.4 | 14.9 | 9.9 | 11.2 | 299.9 | 317.3 | 6.3 | 59.0 | 6.9 | 36. |
| 7.3 | 23.7 | 1795.0 | 825.0 | 11.0 | 2.6 | 224.5 | 14.7 | 10.3 | 10.5 | 300.9 | 316.6 | 5.6 | 56.3 | 7.7 | 37. |
| 8.2 | 26.2 | 2051.9 | 800.0 | 10.0 | -7.1 | 231.4 | 15.5 | 12.1 | 9.7 | 302.2 | 311.0 | 3.0 | 31.2 | 8.5 | 37. |
| 9.1 | 28.3 | 2315.1 | 775.0 | 8.8 | -1.6 | 236.5 | 15.1 | 12.5 | 8.3 | 303.9 | 316.5 | 4.4 | 47.7 | 9.3 | 39. |
| 10.1 | 31.8 | 2586.1 | 750.0 | 7.6 | -1.0 | 255.9 | 14.2 | 13.8 | 3.4 | 305.4 | 319.1 | 4.8 | 54.7 | 10.1 | 41. |
| 11.1 | 34.7 | 2844.8 | 725.0 | 5.8 | -3.4 | 264.6 | 13.5 | 13.5 | 1.3 | 306.4 | 318.3 | 4.1 | 51.3 | 10.7 | 44. |
| 12.1 | 37.4 | 3151.4 | 700.0 | 3.9 | -4.0 | 272.6 | 15.0 | 15.0 | -0.7 | 307.3 | 317.3 | 4.1 | 56.5 | 11.3 | 47. |
| 13.1 | 40.3 | 3445.9 | 675.0 | 1.8 | -4.4 | 278.5 | 16.6 | 16.5 | -2.5 | 308.1 | 320.1 | 4.1 | 63.4 | 12.0 | 50. |
| 14.2 | 43.1 | 3750.7 | 650.0 | 1.5 | -6.0 | 279.9 | 17.2 | 16.9 | -2.9 | 311.2 | 322.4 | 3.8 | 57.3 | 12.8 | 54. |
| 15.2 | 46.1 | 4058.8 | 625.0 | -0.2 | -13.7 | 276.9 | 17.0 | 16.7 | -2.9 | 312.4 | 317.0 | 4.1 | 35.3 | 13.5 | 57. |
| 16.3 | 48.4 | 4390.6 | 600.0 | -3.0 | -19.2 | 276.8 | 16.6 | 16.4 | -2.8 | 312.8 | 317.3 | 1.4 | 27.3 | 14.4 | 60. |
| 17.4 | 52.3 | 4726.4 | 575.0 | -5.2 | -23.5 | 280.2 | 15.3 | 15.3 | -2.7 | 314.0 | 317.2 | 1.0 | 22.0 | 15.2 | 63. |
| 18.6 | 55.3 | 5073.7 | 550.0 | -8.3 | -22.0 | 286.8 | 16.2 | 15.8 | -4.7 | 314.4 | 318.2 | 1.2 | 32.0 | 16.1 | 65. |
| 19.9 | 58.7 | 5432.9 | 525.0 | -11.0 | -18.7 | 291.2 | 16.1 | 15.0 | -5.8 | 315.4 | 320.7 | 1.7 | 52.9 | 17.0 | 68. |
| 21.2 | 62.1 | 5806.3 | 500.0 | -12.6 | -31.3 | 293.7 | 14.5 | 9.6 | -4.2 | 317.6 | 319.5 | 0.6 | 19.2 | 17.8 | 71. |
| 22.6 | 65.6 | 6195.9 | 475.0 | -15.4 | -36.5 | 289.5 | 14.0 | 13.2 | -4.7 | 318.9 | 320.1 | 0.3 | 14.4 | 18.5 | 72. |
| 24.1 | 69.0 | 6501.9 | 450.0 | -18.0 | -38.4 | 282.3 | 16.6 | 18.2 | -4.0 | 320.6 | 321.7 | 0.3 | 14.7 | 19.8 | 75. |
| 25.6 | 72.6 | 7026.2 | 425.0 | -21.7 | -40.5 | 283.1 | 17.7 | 17.2 | -4.0 | 321.1 | 322.1 | 0.3 | 16.2 | 21.3 | 77. |
| 27.2 | 76.4 | 7470.4 | 400.0 | -24.5 | -39.7 | 290.5 | 19.1 | 17.5 | -0.7 | 323.1 | 324.1 | 0.3 | 22.9 | 22.9 | 79. |
| 28.7 | 80.4 | 7938.1 | 375.0 | -27.1 | -41.4 | 283.5 | 12.0 | 11.7 | -2.8 | 325.7 | 326.6 | 0.3 | 24.1 | 24.2 | 81. |
| 30.4 | 84.4 | 8431.7 | 350.0 | -30.9 | -45.4 | 282.1 | 9.7 | 9.5 | -2.0 | 327.0 | 327.7 | 0.2 | 22.3 | 25.2 | 82. |
| 32.1 | 88.4 | 8952.9 | 325.0 | -34.8 | -50.9 | 294.3 | 9.3 | 8.5 | -3.8 | 328.7 | 329.1 | 0.1 | 17.4 | 25.9 | 83. |
| 34.2 | 93.3 | 9506.3 | 300.0 | -39.4 | -54.6 | 319.2 | 10.1 | 6.6 | -7.7 | 329.7 | 330.0 | 0.1 | 18.0 | 26.6 | 84. |
| 36.1 | 97.6 | 10094.8 | 275.0 | -45.0 | -59.9 | 308.5 | 15.3 | 12.3 | -6.5 | 336.1 | 336.9 | 99.9 | 99.9 | 27.9 | 87. |
| 38.5 | 102.4 | 10724.1 | 250.0 | -50.3 | -59.9 | 304.6 | 19.4 | 16.0 | -11.0 | 331.3 | 332.5 | 99.9 | 99.9 | 29.8 | 90. |
| 40.7 | 107.9 | 11402.9 | 225.0 | -56.1 | -59.9 | 288.6 | 16.9 | 10.1 | -5.4 | 332.5 | 333.9 | 99.9 | 99.9 | 31.8 | 92. |
| 43.5 | 113.2 | 12142.4 | 200.0 | -61.1 | -59.9 | 291.8 | 17.5 | 16.3 | -6.5 | 336.1 | 336.9 | 99.9 | 99.9 | 34.3 | 93. |
| 46.4 | 119.3 | 12964.1 | 175.0 | -64.6 | -59.9 | 292.1 | 17.8 | 15.5 | -6.7 | 343.4 | 343.9 | 99.9 | 99.9 | 36.4 | 95. |
| 49.3 | 125.9 | 13716.6 | 150.0 | -64.7 | -59.9 | 294.8 | 28.5 | 25.9 | -12.0 | 358.7 | 358.9 | 99.9 | 99.9 | 40.8 | 97. |
| 52.1 | 133.3 | 15028.4 | 125.0 | -58.9 | -59.9 | 282.1 | 34.4 | 33.6 | -7.2 | 368.3 | 368.9 | 99.9 | 99.9 | 47.9 | 98. |
| 56.2 | 140.7 | 16220.5 | 100.0 | -62.0 | -59.9 | 303.1 | 11.4 | 9.6 | -6.3 | 407.9 | 407.9 | 99.9 | 99.9 | 53.6 | 100. |
| 61.4 | 149.0 | 18172.9 | 75.0 | -65.8 | -59.9 | 324 | 4.4 | -2.4 | -3.7 | 434.9 | 434.9 | 99.9 | 99.9 | 56.4 | 106. |
| 68.5 | 158.3 | 20885.8 | 50.0 | -58.7 | -59.9 | 318.9 | 3.3 | 2.2 | -2.5 | 505.4 | 505.4 | 99.9 | 99.9 | 57.3 | 101. |
| 79.7 | 166.5 | 25122.6 | 25.0 | -51.5 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 636.7 | 636.7 | 99.9 | 99.9 | 59.9 | 99.9. |

* EV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* PV TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** DV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 311
ATMENS. GA24 APRIL 1975
2040 GMT

155 17. 0

| TIME | TIME | CNTCT | HEIGHT | PRES | TEMP | DLB PT | DIR | SPLD | U COMP | V CCMP | POT T | F POT T | MR RTO | RM | RANGE | AZ |
|------|-------|-------|---------|--------|-------|--------|-------|-------|--------|--------|-------|---------|--------|------|-------|------|
| MIN | SEC | | FT | MM | CG C | CG C | DEG | M/SEC | M/SEC | M/SEC | CG K | CG K | CM/SEC | PCT | KM | DEG |
| 00.0 | 00.0 | 7.1 | 246.0 | 989.2 | 26.1 | 16.6 | 210.0 | 7.2 | 3.6 | 6.2 | 301.8 | 239.5 | 12.2 | 56.0 | 0.0 | 0.0 |
| 00.9 | 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 01.2 | 01.2 | 6.4 | 373.0 | 975.0 | 26.5 | 13.2 | 230.9 | 14.6 | 11.3 | 9.2 | 300.2 | 326.7 | 9.0 | 52.2 | 0.3 | 5.2 |
| 1.1 | 10.5 | 10.5 | 599.7 | 950.0 | 22.3 | 13.4 | 239.2 | 13.2 | 10.1 | 6.4 | 301.2 | 323.9 | 10.3 | 57.1 | 0.0 | 51.0 |
| 2.0 | 12.7 | 12.7 | 817.0 | 925.0 | 18.9 | 11.4 | 225.2 | 10.2 | 7.3 | 7.2 | 299.8 | 326.7 | 9.2 | 61.8 | 1.4 | 70.0 |
| 2.7 | 15.1 | 15.1 | 1265.1 | 900.0 | 16.4 | 10.2 | 219.8 | 9.5 | 6.1 | 7.3 | 298.2 | 323.2 | 8.8 | 67.7 | 1.0 | 74.0 |
| 3.4 | 17.1 | 17.1 | 1305.0 | 875.0 | 14.5 | 10.0 | 220.0 | 9.4 | 7.1 | 6.1 | 300.0 | 324.0 | 8.9 | 74.4 | 2.3 | 47.0 |
| 4.6 | 19.3 | 19.3 | 1550.0 | 850.0 | 12.5 | 9.4 | 245.5 | 13.4 | 12.2 | 5.5 | 306.5 | 324.4 | 8.0 | 81.4 | 3.0 | 51.0 |
| 5.7 | 21.7 | 21.7 | 1800.7 | 825.0 | 11.7 | 7.3 | 243.7 | 15.7 | 14.0 | 6.9 | 302.0 | 323.5 | 7.8 | 74.7 | 4.0 | 54.0 |
| 6.5 | 24.3 | 24.3 | 2047.6 | 800.0 | 9.6 | 7.1 | 250.0 | 13.6 | 12.9 | 4.2 | 308.5 | 324.4 | 8.0 | 84.7 | 4.0 | 54.0 |
| 7.4 | 26.5 | 26.5 | 2321.9 | 775.0 | 9.7 | 5.0 | 253.1 | 14.4 | 17.6 | 4.9 | 308.4 | 321.0 | 5.1 | 74.6 | 9.2 | 54.0 |
| 8.3 | 29.3 | 29.3 | 2593.5 | 750.0 | 8.0 | 0.4 | 251.1 | 20.3 | 19.2 | 6.6 | 308.1 | 325.0 | 7.1 | 72.8 | 5.5 | 54.0 |
| 9.4 | 31.6 | 31.6 | 2472.0 | 725.0 | 5.8 | 0.9 | 250.7 | 21.1 | 19.9 | 7.0 | 308.6 | 322.7 | 5.7 | 70.8 | 6.6 | 61.0 |
| 10.4 | 34.3 | 34.3 | 3152.8 | 700.0 | 3.0 | -1.1 | 250.6 | 20.5 | 20.0 | 4.9 | 308.4 | 321.0 | 5.1 | 74.6 | 9.2 | 54.0 |
| 11.5 | 36.4 | 36.4 | 3457.6 | 675.0 | 3.6 | -15.7 | 260.7 | 20.8 | 20.6 | 2.6 | 308.2 | 315.0 | 1.7 | 22.8 | 10.5 | 64.0 |
| 12.7 | 38.5 | 38.5 | 3753.2 | 650.0 | 1.8 | -9.2 | 260.7 | 22.2 | 21.9 | 3.6 | 311.4 | 321.0 | 3.2 | 47.5 | 12.0 | 76.0 |
| 13.9 | 40.7 | 40.7 | 4074.9 | 625.0 | 0.6 | -11.7 | 262.7 | 24.6 | 24.4 | 3.1 | 313.5 | 321.2 | 2.5 | 39.1 | 13.5 | 70.0 |
| 14.9 | 42.9 | 42.9 | 4401.4 | 600.0 | -1.7 | -14.2 | 271.3 | 25.2 | 25.2 | -0.9 | 318.5 | 321.1 | 2.1 | 37.0 | 15.2 | 72.0 |
| 16.2 | 47.3 | 47.3 | 4736.7 | 575.0 | -4.2 | -11.1 | 270.6 | 24.9 | 24.7 | -2.9 | 315.4 | 324.2 | 2.9 | 58.6 | 16.9 | 74.0 |
| 17.5 | 50.6 | 50.6 | 5088.2 | 550.0 | -6.4 | -12.4 | 276.9 | 23.1 | 23.0 | -2.8 | 316.6 | 325.1 | 2.7 | 62.3 | 18.6 | 76.0 |
| 18.8 | 53.5 | 53.5 | 5408.7 | 525.0 | -9.9 | -17.0 | 276.5 | 21.3 | 21.2 | -2.4 | 316.0 | 324.9 | 1.9 | 56.0 | 20.1 | 78.0 |
| 20.1 | 56.9 | 56.9 | 5827.7 | 500.0 | -13.4 | -20.5 | 280.8 | 21.1 | 22.7 | -4.3 | 310.8 | 321.6 | 1.5 | 55.2 | 21.9 | 79.0 |
| 21.4 | 59.3 | 59.3 | 6212.7 | 475.0 | -14.9 | -30.3 | 282.4 | 22.5 | 22.0 | -4.8 | 310.5 | 320.7 | 0.4 | 14.1 | 23.5 | 81.0 |
| 22.9 | 63.1 | 63.1 | 6619.0 | 450.0 | -18.1 | -38.7 | 275.3 | 20.7 | 20.4 | -3.3 | 320.5 | 321.5 | 0.3 | 14.4 | 25.3 | 83.0 |
| 24.4 | 66.4 | 66.4 | 7044.2 | 425.0 | -20.7 | -40.0 | 276.8 | 21.6 | 21.4 | -2.5 | 322.7 | 323.6 | 0.3 | 14.6 | 27.2 | 84.0 |
| 25.9 | 70.3 | 70.3 | 7498.5 | 400.0 | -23.1 | -43.7 | 280.4 | 17.2 | 10.5 | -4.4 | 323.0 | 323.7 | 0.2 | 14.9 | 29.0 | 85.0 |
| 27.4 | 73.4 | 73.4 | 7956.1 | 375.0 | -25.4 | -46.4 | 275.2 | 21.8 | 21.5 | -3.5 | 324.5 | 325.1 | 0.2 | 15.2 | 30.8 | 86.0 |
| 29.2 | 77.3 | 77.3 | 8447.4 | 350.0 | -27.4 | -49.4 | 276.4 | 25.0 | 24.8 | -2.8 | 325.7 | 326.1 | 0.1 | 15.5 | 32.9 | 87.0 |
| 30.9 | 81.1 | 81.1 | 8962.1 | 325.0 | -29.4 | -52.5 | 280.3 | 24.7 | 24.3 | -4.4 | 327.3 | 327.6 | 0.1 | 15.8 | 35.4 | 88.0 |
| 32.7 | 85.3 | 85.3 | 9517.0 | 300.0 | -31.4 | -55.9 | 284.9 | 22.4 | 21.6 | -5.9 | 328.2 | 327.9 | 99.9 | 99.9 | 37.0 | 90.0 |
| 34.4 | 89.3 | 89.3 | 10104.0 | 275.0 | -33.4 | -59.3 | 279.2 | 19.1 | 14.9 | -3.0 | 330.3 | 329.9 | 99.9 | 99.9 | 40.4 | 90.0 |
| 37.0 | 94.2 | 94.2 | 10733.9 | 250.0 | -35.5 | -62.7 | 284.0 | 16.9 | 10.4 | -4.1 | 331.1 | 329.9 | 99.9 | 99.9 | 42.4 | 90.0 |
| 39.4 | 99.1 | 99.1 | 11414.8 | 225.0 | -37.0 | -65.0 | 285.9 | 17.3 | 16.3 | -5.9 | 334.3 | 329.9 | 99.9 | 99.9 | 45.1 | 91.0 |
| 42.3 | 104.0 | 104.0 | 12160.0 | 200.0 | -38.7 | -67.9 | 281.7 | 15.1 | 14.7 | -3.1 | 338.2 | 329.9 | 99.9 | 99.9 | 48.2 | 92.0 |
| 45.2 | 108.9 | 108.9 | 12948.6 | 175.0 | -40.2 | -69.9 | 286.3 | 24.6 | 20.5 | -7.5 | 340.5 | 329.9 | 99.9 | 99.9 | 51.7 | 92.0 |
| 48.5 | 115.8 | 115.8 | 13948.6 | 150.0 | -41.2 | -69.9 | 283.2 | 32.9 | 32.0 | -7.5 | 346.4 | 329.9 | 99.9 | 99.9 | 57.9 | 92.0 |
| 52.8 | 122.8 | 122.8 | 15079.4 | 125.0 | -41.2 | -69.9 | 289.2 | 26.9 | 26.3 | -0.4 | 348.2 | 329.9 | 99.9 | 99.9 | 64.6 | 93.0 |
| 57.0 | 130.3 | 130.3 | 16452.7 | 100.0 | -43.3 | -69.9 | 280.2 | 17.4 | 17.1 | -3.1 | 401.6 | 329.9 | 99.9 | 99.9 | 71.5 | 93.0 |
| 62.5 | 138.4 | 138.4 | 18163.1 | 75.0 | -46.1 | -69.9 | 295.6 | 12.6 | 11.4 | -5.4 | 434.4 | 329.9 | 99.9 | 99.9 | 76.5 | 94.0 |
| 70.7 | 148.3 | 148.3 | 20693.4 | 50.0 | -48.0 | -69.9 | 272.9 | 8.6 | 8.5 | -0.4 | 500.3 | 329.9 | 99.9 | 99.9 | 77.4 | 95.0 |
| 82.4 | 157.7 | 157.7 | 23123.0 | 25.0 | -52.1 | -69.9 | 315.3 | 4.4 | 3.1 | -3.2 | 635.2 | 329.9 | 99.9 | 99.9 | 78.1 | 96.0 |

* PV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * PV TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 * PV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 317
GREENSBORO, NC

24 APRIL 1975
2015 GMT

| TIME MIN | CATY | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT Y DG K | Σ POT Y DG K | MR PTD CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 0.2 | 275.0 | 983.5 | 25.6 | 15.0 | 190.0 | 9.3 | 1.8 | 9.2 | 301.7 | 331.4 | 11.0 | 52.0 | 0.0 | 0. |
| 00.0 | 0.0 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 0.0 | 351.1 | 975.0 | 23.7 | 8.2 | 202.4 | 14.1 | 5.4 | 13.0 | 300.0 | 319.4 | 7.1 | 37.4 | 0.3 | 42. |
| 1.3 | 11.2 | 576.9 | 950.0 | 21.3 | 8.9 | 215.2 | 12.9 | 7.5 | 10.6 | 299.8 | 320.6 | 7.6 | 45.1 | 1.0 | 35. |
| 2.1 | 13.9 | 807.3 | 925.0 | 19.3 | 9.5 | 224.7 | 13.6 | 9.6 | 9.7 | 300.2 | 322.2 | 6.1 | 53.0 | 1.6 | 30. |
| 2.9 | 16.3 | 1042.1 | 900.0 | 17.1 | 9.2 | 222.6 | 16.1 | 10.9 | 11.9 | 300.3 | 322.5 | 6.2 | 59.5 | 2.6 | 40. |
| 4.0 | 19.1 | 1291.8 | 875.0 | 14.8 | 5.8 | 227.5 | 16.8 | 12.4 | 11.4 | 300.3 | 322.5 | 8.8 | 72.1 | 3.5 | 41. |
| 4.9 | 21.6 | 1526.6 | 850.0 | 12.7 | 9.6 | 227.0 | 16.9 | 12.3 | 11.5 | 300.6 | 322.7 | 8.9 | 81.7 | 4.1 | 42. |
| 5.8 | 24.4 | 1776.6 | 825.0 | 10.3 | 9.0 | 231.3 | 18.2 | 14.2 | 11.4 | 300.6 | 322.7 | 8.8 | 91.9 | 5.1 | 43. |
| 6.6 | 27.1 | 2032.5 | 800.0 | 7.1 | 7.6 | 243.8 | 22.2 | 19.9 | 9.8 | 304.8 | 323.4 | 8.2 | 96.5 | 6.2 | 46. |
| 7.9 | 30.9 | 2296.2 | 775.0 | 9.4 | 3.8 | 250.4 | 26.2 | 24.7 | 8.9 | 304.8 | 323.4 | 6.5 | 108.2 | 8.1 | 51. |
| 9.2 | 32.3 | 2568.3 | 750.0 | 8.7 | 2.4 | 250.3 | 24.9 | 23.5 | 8.4 | 306.8 | 323.4 | 6.1 | 114.5 | 10.0 | 55. |
| 10.5 | 35.9 | 2848.2 | 725.0 | 7.1 | -11.0 | 249.9 | 24.4 | 22.9 | 8.4 | 307.5 | 323.4 | 2.4 | 127.2 | 11.9 | 57. |
| 11.5 | 38.6 | 3136.1 | 700.0 | 6.4 | -40.0 | 251.5 | 23.9 | 22.7 | 7.6 | 308.6 | 323.4 | 0.1 | 130.3 | 13.3 | 59. |
| 12.6 | 41.4 | 3432.9 | 675.0 | 4.4 | -24.5 | 256.3 | 23.0 | 22.9 | 7.6 | 310.7 | 323.4 | 0.8 | 140.5 | 14.7 | 60. |
| 13.7 | 44.5 | 3738.8 | 650.0 | 2.2 | -12.2 | 262.3 | 23.0 | 22.0 | 3.1 | 311.7 | 323.4 | 2.3 | 150.3 | 16.3 | 62. |
| 14.9 | 47.8 | 4034.4 | 625.0 | -0.1 | -10.1 | 266.1 | 26.0 | 24.0 | 1.8 | 312.7 | 323.4 | 2.9 | 160.8 | 17.9 | 64. |
| 16.1 | 50.9 | 4380.7 | 600.0 | -2.2 | -13.1 | 272.8 | 25.1 | 25.1 | -1.2 | 313.9 | 323.4 | 2.3 | 170.9 | 19.4 | 66. |
| 17.5 | 54.1 | 4718.7 | 575.0 | -4.8 | -8.8 | 269.3 | 23.7 | 23.7 | 0.3 | 314.8 | 323.4 | 3.4 | 180.5 | 21.4 | 68. |
| 18.9 | 57.4 | 5065.6 | 550.0 | -6.6 | -32.0 | 271.7 | 25.5 | 25.5 | -0.7 | 316.2 | 323.4 | 0.5 | 190.3 | 23.3 | 71. |
| 20.2 | 61.0 | 5426.4 | 525.0 | -9.9 | -31.6 | 274.6 | 23.2 | 23.1 | -1.6 | 316.6 | 323.4 | 0.5 | 200.3 | 25.2 | 72. |
| 21.4 | 64.6 | 5809.8 | 500.0 | -12.5 | -22.1 | 274.6 | 23.6 | 23.5 | -1.9 | 318.0 | 323.4 | 1.3 | 210.3 | 27.1 | 74. |
| 22.9 | 68.0 | 6191.0 | 475.0 | -14.7 | -25.7 | 273.4 | 22.9 | 22.8 | -1.3 | 319.9 | 323.4 | 1.0 | 220.3 | 29.0 | 75. |
| 24.4 | 71.7 | 6597.8 | 450.0 | -18.2 | -61.5 | 275.5 | 20.1 | 20.0 | -1.9 | 320.4 | 323.4 | 0.0 | 230.3 | 30.9 | 77. |
| 26.0 | 75.7 | 7022.3 | 425.0 | -20.9 | -63.2 | 273.1 | 24.2 | 24.1 | -1.3 | 322.2 | 323.4 | 0.0 | 240.3 | 32.8 | 79. |
| 27.7 | 79.5 | 7487.5 | 400.0 | -24.0 | -65.3 | 280.4 | 24.0 | 23.9 | -3.2 | 323.7 | 323.4 | 0.0 | 250.3 | 34.7 | 81. |
| 29.4 | 83.8 | 7935.0 | 375.0 | -27.8 | -67.7 | 278.4 | 22.1 | 21.9 | -3.2 | 324.7 | 323.4 | 0.0 | 260.3 | 36.6 | 83. |
| 31.2 | 88.0 | 8427.4 | 350.0 | -30.8 | -69.7 | 272.3 | 21.6 | 21.6 | -0.7 | 327.2 | 323.4 | 0.0 | 270.3 | 38.5 | 85. |
| 33.2 | 92.7 | 8943.9 | 325.0 | -35.3 | -72.7 | 273.3 | 20.6 | 20.6 | -1.2 | 327.9 | 323.4 | 0.0 | 280.3 | 40.4 | 87. |
| 35.1 | 97.4 | 9500.9 | 300.0 | -39.9 | 99.9 | 259.6 | 25.6 | 25.2 | 4.6 | 329.1 | 99.9 | 99.9 | 290.9 | 42.3 | 89. |
| 37.4 | 102.2 | 10085.1 | 275.0 | -45.1 | 99.9 | 255.2 | 13.4 | 13.0 | 3.4 | 330.0 | 99.9 | 99.9 | 300.9 | 44.2 | 91. |
| 39.8 | 107.6 | 10719.6 | 250.0 | -49.4 | 99.9 | 254.8 | 14.7 | 14.1 | 3.8 | 332.6 | 99.9 | 99.9 | 310.9 | 46.1 | 93. |
| 42.0 | 113.0 | 11401.4 | 225.0 | -54.9 | 99.9 | 281.2 | 11.5 | 11.3 | -2.2 | 334.3 | 99.9 | 99.9 | 320.9 | 48.0 | 95. |
| 44.7 | 119.3 | 12142.6 | 200.0 | -61.6 | 99.9 | 275.0 | 15.5 | 15.5 | -1.4 | 335.2 | 99.9 | 99.9 | 330.9 | 50.0 | 97. |
| 47.5 | 125.5 | 12901.7 | 175.0 | -64.2 | 99.9 | 280.4 | 34.4 | 33.8 | -6.2 | 344.1 | 99.9 | 99.9 | 340.9 | 52.0 | 99. |
| 50.4 | 132.3 | 13814.7 | 150.0 | -60.8 | 99.9 | 293.7 | 34.3 | 31.4 | -13.8 | 345.4 | 99.9 | 99.9 | 350.9 | 54.0 | 101. |
| 53.9 | 139.3 | 15045.6 | 125.0 | -60.6 | 99.9 | 263.6 | 30.4 | 30.2 | 3.4 | 345.3 | 99.9 | 99.9 | 360.9 | 56.0 | 103. |
| 56.5 | 146.3 | 16431.7 | 100.0 | -63.3 | 99.9 | 273.7 | 17.6 | 17.6 | -1.1 | 405.5 | 99.9 | 99.9 | 370.9 | 58.0 | 105. |
| 59.5 | 153.5 | 19187.9 | 75.0 | -65.1 | 99.9 | 311.4 | 6.0 | 4.5 | -0.0 | 434.4 | 99.9 | 99.9 | 380.9 | 60.0 | 107. |
| 73.8 | 161.3 | 20703.9 | 50.0 | -58.0 | 99.9 | 48.2 | 0.4 | -0.3 | -0.3 | 505.0 | 99.9 | 99.9 | 390.9 | 62.0 | 109. |
| 87.0 | 168.7 | 25160.4 | 25.0 | -50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 641.3 | 99.9 | 99.9 | 400.9 | 64.0 | 111. |

0 PV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 327
NASHVILLE, TENN24 APRIL 1975
2015 GMT

| TIME MIN | CATCT | WEIGHT GPM | PRES MC | TEMP DG C | OLW PT EG C | DI C | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T K | E POT T DG K | MR RTO GM/KG | PH PCT | RANGE A7 MW | C |
|-------------|-------|---------------|------------|--------------|----------------|---------|----------------|-----------------|-----------------|------------|-----------------|-----------------|-----------|----------------|------|
| 0.0 | 5.4 | 120.7 | 993.0 | 20.0 | 19.0 | 240.0 | 3.6 | 3.1 | 1.8 | 295.6 | 33.2 | 14.1 | 94.0 | 0.1 | 162 |
| 0.0 | 6.9 | 99.7 | 1030.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 17.0 |
| 0.4 | 6.9 | 314.6 | 575.0 | 19.9 | 18.5 | 566.0 | 99.9 | 99.9 | 99.9 | 297.0 | 33.5 | 14.0 | 99.9 | 99.9 | |
| 1.1 | 6.3 | 503.2 | 950.0 | 19.7 | 17.5 | 999.4 | 99.9 | 99.9 | 99.9 | 293.0 | 33.3 | 13.4 | 99.9 | 99.9 | |
| 1.9 | 10.0 | 793.1 | 925.0 | 17.9 | 16.3 | 237.9 | 14.1 | 15.3 | 9.6 | 294.3 | 33.1 | 12.7 | 90.1 | 1.1 | |
| 2.7 | 12.8 | 1027.7 | 900.0 | 16.1 | 14.6 | 234.9 | 12.2 | 14.6 | 9.6 | 294.7 | 33.1 | 11.8 | 91.0 | 2.1 | |
| 3.6 | 15.1 | 1297.5 | 875.0 | 14.7 | 13.3 | 243.7 | 20.4 | 18.3 | 5.0 | 300.5 | 33.2 | 11.1 | 91.7 | 3.4 | |
| 4.3 | 17.1 | 1512.8 | 850.0 | 13.1 | 11.9 | 245.8 | 21.1 | 19.3 | 8.7 | 301.2 | 32.3 | 10.4 | 92.4 | 4.3 | |
| 5.1 | 19.3 | 1714.1 | 825.0 | 11.9 | 10.5 | 255.4 | 14.9 | 14.4 | 4.6 | 302.5 | 32.0 | 9.7 | 93.7 | 5.1 | |
| 6.0 | 21.5 | 2222.1 | 800.0 | 10.7 | 9.4 | 262.1 | 22.2 | 22.0 | 3.1 | 303.8 | 32.4 | 9.3 | 91.6 | 6.2 | |
| 6.7 | 23.3 | 2286.6 | 775.0 | 9.0 | 7.6 | 263.7 | 23.1 | 22.9 | 2.9 | 304.6 | 32.4 | 8.5 | 91.4 | 7.2 | |
| 7.7 | 25.0 | 2557.9 | 750.0 | 7.3 | 5.0 | 266.6 | 24.5 | 24.4 | 1.5 | 305.5 | 32.9 | 7.7 | 89.4 | 8.5 | |
| 8.6 | 26.5 | 2837.7 | 725.0 | 5.2 | 3.7 | 268.7 | 25.9 | 25.9 | 0.6 | 306.0 | 32.5 | 6.5 | 90.2 | 9.4 | |
| 9.4 | 31.0 | 3122.6 | 700.0 | 3.0 | 1.9 | 264.5 | 26.1 | 26.1 | 0.7 | 306.6 | 32.5 | 6.3 | 92.8 | 11.1 | |
| 10.4 | 35.6 | 3417.0 | 675.0 | 1.1 | 0.3 | 265.3 | 25.6 | 25.6 | 0.3 | 307.6 | 32.3 | 5.8 | 94.4 | 12.5 | |
| 11.1 | 36.0 | 3715.8 | 650.0 | -1.1 | -1.2 | 270.3 | 26.8 | 26.7 | -0.1 | 308.4 | 32.3 | 5.1 | 91.1 | 13.7 | |
| 12.0 | 38.3 | 4222.9 | 625.0 | -2.4 | -3.2 | 271.5 | 29.5 | 29.5 | -0.6 | 310.3 | 32.5 | 4.8 | 94.1 | 15.1 | |
| 12.9 | 41.3 | 4356.9 | 600.0 | -3.8 | -4.6 | 274.4 | 30.0 | 29.9 | -0.3 | 311.3 | 32.5 | 4.5 | 93.9 | 16.8 | |
| 13.9 | 44.1 | 4692.3 | 575.0 | -5.6 | -6.5 | 273.4 | 29.3 | 29.0 | -0.5 | 313.9 | 32.2 | 4.1 | 93.6 | 18.5 | |
| 14.6 | 47.1 | 5040.5 | 550.0 | -7.4 | -8.3 | 281.1 | 28.4 | 27.9 | -0.4 | 315.7 | 32.0 | 3.7 | 93.3 | 20.2 | |
| 16.0 | 50.1 | 5421.9 | 525.0 | -9.5 | -10.8 | 280.2 | 29.5 | 29.1 | -0.2 | 317.3 | 32.2 | 3.2 | 90.5 | 21.9 | |
| 17.2 | 53.1 | 5776.6 | 500.0 | -12.9 | -15.9 | 281.7 | 28.1 | 27.6 | -0.7 | 317.5 | 32.5 | 2.2 | 76.3 | 23.9 | |
| 18.4 | 57.1 | 6165.3 | 475.0 | -17.2 | -20.1 | 266.3 | 25.8 | 24.8 | -0.3 | 316.3 | 31.9 | 0.7 | 35.4 | 25.4 | |
| 19.7 | 59.5 | 6569.0 | 450.0 | -19.0 | -30.4 | 246.4 | 24.6 | 24.4 | -0.3 | 314.4 | 31.7 | 0.7 | 35.7 | 28.4 | |
| 20.9 | 63.0 | 6941.1 | 425.0 | -22.5 | -44.0 | 264.7 | 28.0 | 26.3 | -0.4 | 320.1 | 32.7 | 0.2 | 12.0 | 29.8 | |
| 22.2 | 66.4 | 7434.2 | 400.0 | -25.7 | -49.1 | 264.5 | 30.2 | 24.5 | -1.0 | 321.2 | 32.0 | 0.1 | 10.1 | 31.9 | |
| 23.7 | 70.3 | 7844.4 | 375.0 | -29.2 | -51.0 | 260.5 | 26.1 | 24.5 | -0.1 | 322.3 | 32.3 | 0.1 | 10.1 | 34.4 | |
| 25.3 | 74.0 | 8386.3 | 350.0 | -32.0 | -49.9 | 284.1 | 25.9 | 25.1 | -0.3 | 325.5 | 32.9 | 0.1 | 14.9 | 36.4 | |
| 26.3 | 78.2 | 8907.1 | 325.0 | -34.9 | -42.5 | 272.6 | 22.4 | 22.3 | -0.1 | 327.1 | 32.1 | 0.3 | 50.4 | 38.1 | |
| 28.5 | 82.3 | 9444.7 | 300.0 | -40.0 | 99.9 | 264.2 | 24.8 | 24.7 | 2.5 | 326.9 | 94.8 | 99.9 | 99.9 | 41.3 | |
| 30.4 | 86.9 | 10347.1 | 275.0 | -44.5 | 99.9 | 262.3 | 23.7 | 23.5 | 1.2 | 330.8 | 94.9 | 99.9 | 99.9 | 44.1 | |
| 32.6 | 91.9 | 10677.4 | 250.0 | -50.1 | 99.9 | 262.1 | 14.5 | 14.4 | 2.4 | 331.7 | 94.9 | 99.9 | 99.9 | 47.1 | |
| 34.5 | 97.0 | 11356.6 | 225.0 | -56.2 | 99.9 | 261.4 | 19.7 | 10.5 | 2.9 | 332.5 | 94.9 | 99.9 | 99.9 | 49.9 | |
| 36.7 | 102.5 | 12326.9 | 200.0 | -61.4 | 99.9 | 262.6 | 25.2 | 24.4 | 3.2 | 335.6 | 94.9 | 99.9 | 99.9 | 51.8 | |
| 39.4 | 109.0 | 12912.1 | 175.0 | -66.8 | 99.9 | 267.9 | 25.8 | 24.9 | 0.9 | 337.7 | 94.9 | 99.9 | 99.9 | 54.8 | |
| 42.7 | 115.8 | 13640.4 | 150.0 | -59.1 | 99.9 | 276.1 | 33.9 | 33.7 | -3.6 | 344.2 | 99.9 | 99.9 | 99.9 | 61.4 | |
| 46.6 | 123.3 | 15004.9 | 125.0 | -70.1 | 99.9 | 247.9 | 23.7 | 22.0 | 4.9 | 343.3 | 99.9 | 99.9 | 99.9 | 67.4 | |
| 51.3 | 132.3 | 16322.4 | 100.0 | -64.5 | 99.9 | 270.1 | 21.1 | 21.1 | -0.1 | 403.1 | 99.9 | 99.9 | 99.9 | 75.3 | |
| 57.1 | 141.7 | 14160.7 | 75.0 | -62.6 | 99.9 | 213.5 | 2.5 | 1.4 | 2.1 | 441.8 | 99.9 | 99.9 | 99.9 | 80.4 | |
| 65.0 | 157.0 | 20611.6 | 50.0 | -58.9 | 99.9 | 92.8 | 3.3 | -3.2 | 0.2 | 504.8 | 99.9 | 99.9 | 99.9 | 82.4 | |
| 71.0 | 162.5 | 23040.8 | 25.0 | -53.6 | 99.9 | 20.8 | 4.4 | -1.5 | -0.1 | 636.9 | 99.9 | 99.9 | 99.9 | 83.2 | |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE
 OF FOUR QUALITY

STATION NO. 340
LITTLE ROCK, ARK
24 APRIL 1975
2030 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.0 | 79.0 | 1002.7 | 27.8 | 19.6 | 220.0 | 0.2 | 4.0 | 4.7 | 302.7 | 341.5 | 14.5 | 61.0 | 0.0 | 0.0 |
| 0.1 | 6.1 | 102.9 | 1000.0 | 25.9 | 18.6 | 191.7 | 0.8 | 1.4 | 6.6 | 300.6 | 333.8 | 11.3 | 53.1 | 0.2 | 1.0 |
| 0.4 | 8.2 | 325.2 | 975.0 | 23.5 | 15.7 | 194.0 | 7.3 | 1.8 | 7.1 | 300.3 | 329.5 | 10.9 | 50.0 | 0.3 | 5.0 |
| 1.6 | 10.4 | 551.8 | 950.0 | 22.1 | 14.9 | 203.1 | 8.4 | 3.3 | 7.7 | 301.1 | 331.6 | 11.3 | 63.8 | 0.7 | 12.0 |
| 2.2 | 12.5 | 783.8 | 925.0 | 21.0 | 15.4 | 210.9 | 8.8 | 4.5 | 7.6 | 302.4 | 334.8 | 12.0 | 70.2 | 1.0 | 17.0 |
| 2.9 | 14.7 | 1020.7 | 900.0 | 19.1 | 14.1 | 213.4 | 11.9 | 6.6 | 10.0 | 302.8 | 333.4 | 11.3 | 72.4 | 1.4 | 21.0 |
| 3.6 | 16.7 | 1262.7 | 875.0 | 17.2 | 13.6 | 215.8 | 14.2 | 9.1 | 10.9 | 303.2 | 333.9 | 11.3 | 79.2 | 1.9 | 26.0 |
| 4.2 | 19.1 | 1510.1 | 850.0 | 15.2 | 12.4 | 227.5 | 14.5 | 10.7 | 9.8 | 303.5 | 332.7 | 10.7 | 83.1 | 2.5 | 30.0 |
| 5.1 | 21.2 | 1753.4 | 825.0 | 14.0 | 10.6 | 239.4 | 17.6 | 15.2 | 8.9 | 304.7 | 331.7 | 9.8 | 79.7 | 3.2 | 35.0 |
| 6.0 | 23.6 | 2022.7 | 800.0 | 12.0 | 9.7 | 240.4 | 17.8 | 15.5 | 8.9 | 305.2 | 331.4 | 9.5 | 86.1 | 4.2 | 41.0 |
| 6.9 | 25.3 | 2289.3 | 775.0 | 12.1 | 8.4 | 239.1 | 18.0 | 15.4 | 9.2 | 307.9 | 330.0 | 7.9 | 86.3 | 5.1 | 40.0 |
| 7.9 | 28.2 | 2564.6 | 750.0 | 12.8 | -8.9 | 233.3 | 18.9 | 13.6 | 10.1 | 310.9 | 320.1 | 3.0 | 24.6 | 6.0 | 47.0 |
| 8.7 | 30.8 | 2848.6 | 725.0 | 11.3 | -10.0 | 234.0 | 15.4 | 12.4 | 9.0 | 312.2 | 320.0 | 2.6 | 22.0 | 6.7 | 47.0 |
| 9.6 | 33.3 | 3140.2 | 700.0 | 8.8 | -13.3 | 237.7 | 14.7 | 12.4 | 7.9 | 312.4 | 318.5 | 2.0 | 19.4 | 7.7 | 44.0 |
| 10.6 | 35.8 | 3439.4 | 675.0 | 6.2 | -14.4 | 242.9 | 14.4 | 12.9 | 6.6 | 312.8 | 318.6 | 1.9 | 21.2 | 8.5 | 49.0 |
| 11.1 | 38.3 | 3747.1 | 650.0 | 3.8 | -16.3 | 248.9 | 15.0 | 14.0 | 5.4 | 313.4 | 318.7 | 1.6 | 21.3 | 9.3 | 51.0 |
| 12.5 | 40.8 | 4064.2 | 625.0 | 1.3 | -18.3 | 254.4 | 16.3 | 15.7 | 4.4 | 314.1 | 318.7 | 1.4 | 21.5 | 10.1 | 53.0 |
| 13.5 | 43.6 | 4391.2 | 600.0 | -1.3 | -19.4 | 258.2 | 18.5 | 18.1 | 3.8 | 314.8 | 319.2 | 1.4 | 23.5 | 11.1 | 55.0 |
| 14.6 | 46.4 | 4728.6 | 575.0 | -4.1 | -20.3 | 258.8 | 19.9 | 19.5 | 3.8 | 315.3 | 319.6 | 1.3 | 27.0 | 12.3 | 57.0 |
| 15.8 | 49.3 | 5077.5 | 550.0 | -6.8 | -21.8 | 258.4 | 23.5 | 23.0 | 4.7 | 316.2 | 322.2 | 1.9 | 44.7 | 13.7 | 60.0 |
| 17.0 | 52.0 | 5438.9 | 525.0 | -9.7 | -22.3 | 259.0 | 27.2 | 26.7 | 5.2 | 317.9 | 320.9 | 1.2 | 34.7 | 15.5 | 65.0 |
| 18.2 | 55.0 | 5813.0 | 500.0 | -13.1 | -24.7 | 262.2 | 27.6 | 27.3 | 3.7 | 317.1 | 319.5 | 0.7 | 25.4 | 17.4 | 68.0 |
| 19.6 | 58.0 | 6202.7 | 475.0 | -14.3 | -36.3 | 258.8 | 26.9 | 26.4 | 5.2 | 320.2 | 321.5 | 0.4 | 13.4 | 19.4 | 68.0 |
| 20.9 | 61.1 | 6610.9 | 450.0 | -17.0 | -38.3 | 252.4 | 25.3 | 24.1 | 7.7 | 321.8 | 322.9 | 0.3 | 13.7 | 21.5 | 67.0 |
| 22.2 | 64.6 | 7036.9 | 425.0 | -20.6 | -41.0 | 253.7 | 26.0 | 25.0 | 7.3 | 322.5 | 323.4 | 0.2 | 14.1 | 23.6 | 67.0 |
| 23.7 | 67.7 | 7481.8 | 400.0 | -24.4 | -43.9 | 258.8 | 26.1 | 25.6 | 5.1 | 323.2 | 323.9 | 0.2 | 14.5 | 25.8 | 68.0 |
| 25.4 | 71.1 | 7948.7 | 375.0 | -28.0 | -46.5 | 263.9 | 24.9 | 24.7 | 2.6 | 324.5 | 325.1 | 0.2 | 14.5 | 28.4 | 69.0 |
| 26.9 | 74.3 | 8435.9 | 350.0 | -32.1 | -49.7 | 268.8 | 24.4 | 24.3 | 2.4 | 325.3 | 325.8 | 0.1 | 15.4 | 30.6 | 70.0 |
| 28.6 | 78.8 | 8958.5 | 325.0 | -36.4 | -53.0 | 267.8 | 29.0 | 29.0 | 1.1 | 326.5 | 326.8 | 0.1 | 15.8 | 33.5 | 75.0 |
| 30.4 | 82.7 | 9509.5 | 300.0 | -40.3 | -56.9 | 267.0 | 27.4 | 27.3 | 1.4 | 328.5 | 329.9 | 0.9 | 99.9 | 36.2 | 71.0 |
| 32.3 | 86.7 | 10096.4 | 275.0 | -45.2 | -60.3 | 271.4 | 26.7 | 26.7 | -0.6 | 329.8 | 329.9 | 99.9 | 99.9 | 39.3 | 74.0 |
| 34.5 | 91.2 | 10725.7 | 250.0 | -50.0 | -64.9 | 268.8 | 31.4 | 31.4 | 0.6 | 331.7 | 329.9 | 99.9 | 99.9 | 43.0 | 76.0 |
| 36.7 | 95.9 | 11406.4 | 225.0 | -55.5 | -69.9 | 269.1 | 33.4 | 33.4 | 0.6 | 333.5 | 329.9 | 99.9 | 99.9 | 47.1 | 77.0 |
| 39.1 | 100.8 | 12147.9 | 200.0 | -60.7 | -74.9 | 267.6 | 33.3 | 33.3 | 1.4 | 336.7 | 329.9 | 99.9 | 99.9 | 51.8 | 78.0 |
| 41.9 | 106.5 | 12973.2 | 175.0 | -63.0 | -79.9 | 270.0 | 37.6 | 37.6 | 0.0 | 340.0 | 329.9 | 99.9 | 99.9 | 57.2 | 79.0 |
| 44.9 | 112.5 | 13923.7 | 150.0 | -62.0 | -84.9 | 268.8 | 31.8 | 31.7 | 2.3 | 343.2 | 329.9 | 99.9 | 99.9 | 63.4 | 80.0 |
| 48.7 | 119.3 | 15052.4 | 125.0 | -61.7 | -89.9 | 268.1 | 41.4 | 41.2 | 4.2 | 343.4 | 329.9 | 99.9 | 99.9 | 71.3 | 80.0 |
| 53.2 | 127.3 | 16430.3 | 100.0 | -62.0 | -94.9 | 272.7 | 25.4 | 25.4 | -1.2 | 408.1 | 329.9 | 99.9 | 99.9 | 74.6 | 81.0 |
| 58.1 | 136.0 | 18186.7 | 75.0 | -66.0 | -99.9 | 257.6 | 8.3 | 8.1 | 1.8 | 434.6 | 329.9 | 99.9 | 99.9 | 83.7 | 81.0 |
| 65.7 | 145.3 | 20700.1 | 50.0 | -57.7 | -99.9 | 336.8 | 2.4 | 0.9 | -2.2 | 507.6 | 329.9 | 99.9 | 99.9 | 87.0 | 81.0 |
| 77.0 | 155.5 | 23147.3 | 25.0 | -50.5 | -99.9 | 301.5 | 3.9 | 3.3 | -2.0 | 639.7 | 329.9 | 99.9 | 99.9 | 89.3 | 83.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 349
MONTELEONE, MO24 APRIL 1975
2100 GMT

| TIME M/N | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | CEM PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 0.3 | 434.0 | 958.7 | 24.6 | 18.1 | 170.0 | 6.7 | -1.2 | 6.6 | 303.2 | 340.2 | 13.8 | 67.0 | 160 | 0 |
| 00.0 | 00.0 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0 |
| 00.0 | 00.0 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0 |
| 0.3 | 5.2 | 517.8 | 950.0 | 22.1 | 15.4 | 171.8 | 7.0 | -1.0 | 6.9 | 301.2 | 332.5 | 11.7 | 65.9 | 99.9 | 0 |
| 1.3 | 11.4 | 749.9 | 925.0 | 19.6 | 14.2 | 182.6 | 8.3 | 0.4 | 8.2 | 300.9 | 330.7 | 11.1 | 70.9 | 0.2 | 34.4 |
| 2.2 | 12.5 | 984.7 | 900.0 | 18.0 | 14.0 | 192.7 | 10.7 | 2.4 | 10.5 | 301.6 | 331.9 | 11.3 | 77.1 | 1.1 | 15.9 |
| 3.0 | 16.1 | 1225.9 | 875.0 | 16.5 | 14.0 | 210.1 | 14.0 | 7.0 | 12.1 | 302.4 | 333.8 | 11.6 | 85.4 | 1.6 | 7 |
| 3.9 | 18.6 | 1472.6 | 850.0 | 14.9 | 11.7 | 228.9 | 14.0 | 10.6 | 5.2 | 303.1 | 331.0 | 10.2 | 81.4 | 2.3 | 17 |
| 4.9 | 21.0 | 1725.5 | 825.0 | 14.8 | 6.2 | 248.2 | 14.0 | 14.9 | 5.9 | 305.2 | 325.5 | 7.2 | 56.4 | 3.1 | 29 |
| 5.6 | 23.6 | 1996.2 | 800.0 | 15.5 | -8.8 | 260.8 | 16.6 | 16.4 | 2.7 | 308.0 | 316.6 | 2.9 | 20.9 | 3.5 | 16 |
| 6.5 | 26.0 | 2254.5 | 775.0 | 14.0 | -8.6 | 261.6 | 17.6 | 17.4 | 2.6 | 309.2 | 317.0 | 2.6 | 20.0 | 4.2 | 45 |
| 7.5 | 28.7 | 2525.7 | 750.0 | 11.7 | -9.7 | 258.4 | 17.3 | 17.0 | 3.2 | 309.6 | 317.0 | 2.4 | 21.3 | 5.1 | 52 |
| 8.4 | 31.3 | 2811.7 | 725.0 | 9.2 | -11.5 | 256.1 | 17.3 | 16.8 | 4.2 | 309.8 | 316.5 | 2.2 | 21.7 | 6.0 | 56 |
| 9.6 | 34.1 | 3100.9 | 700.0 | 6.6 | -13.7 | 253.6 | 20.0 | 19.2 | 5.6 | 310.0 | 315.9 | 1.9 | 21.9 | 7.2 | 59 |
| 10.6 | 36.5 | 3357.9 | 675.0 | 4.2 | -15.6 | 254.5 | 20.0 | 19.5 | 4.7 | 310.5 | 315.7 | 1.7 | 22.0 | 8.5 | 61 |
| 11.9 | 39.4 | 3703.5 | 650.0 | 1.6 | -17.4 | 251.1 | 19.8 | 19.3 | 4.4 | 310.9 | 315.6 | 1.5 | 22.7 | 9.8 | 64 |
| 12.0 | 42.2 | 4017.4 | 625.0 | -1.2 | -17.9 | 250.8 | 20.3 | 19.8 | 4.6 | 311.3 | 316.0 | 1.5 | 26.7 | 11.0 | 65 |
| 14.0 | 45.2 | 4341.7 | 600.0 | -3.7 | -19.5 | 250.1 | 22.9 | 21.5 | 7.8 | 311.9 | 316.3 | 1.4 | 28.1 | 12.5 | 66 |
| 15.2 | 48.3 | 4676.2 | 575.0 | -6.4 | -23.0 | 251.2 | 25.0 | 23.6 | 8.1 | 312.7 | 316.3 | 1.1 | 27.5 | 14.2 | 67 |
| 16.5 | 51.1 | 5021.9 | 550.0 | -9.4 | -26.3 | 254.4 | 28.9 | 27.8 | 7.9 | 313.1 | 316.5 | 1.1 | 31.1 | 16.4 | 68 |
| 17.9 | 54.3 | 5380.3 | 525.0 | -11.4 | -28.1 | 258.3 | 30.4 | 29.6 | 7.2 | 314.8 | 317.6 | 0.9 | 28.3 | 18.8 | 68 |
| 19.3 | 57.4 | 5752.9 | 500.0 | -13.7 | -29.2 | 258.1 | 33.0 | 32.3 | 6.8 | 316.3 | 318.6 | 0.7 | 25.6 | 21.4 | 70 |
| 20.7 | 60.7 | 6140.7 | 475.0 | -15.9 | -33.0 | 257.5 | 32.0 | 31.2 | 6.9 | 318.3 | 320.0 | 0.5 | 21.2 | 24.2 | 71 |
| 22.2 | 64.3 | 6547.2 | 450.0 | -17.8 | -38.6 | 256.6 | 31.6 | 30.7 | 7.3 | 320.9 | 322.4 | 0.4 | 21.3 | 27.0 | 71 |
| 23.8 | 67.7 | 6971.6 | 425.0 | -21.6 | -38.5 | 255.8 | 31.9 | 30.9 | 7.8 | 321.3 | 322.7 | 0.4 | 24.5 | 29.9 | 72 |
| 25.4 | 71.2 | 7415.3 | 400.0 | -25.2 | -39.0 | 257.7 | 30.6 | 29.9 | 6.5 | 322.3 | 323.4 | 0.3 | 26.0 | 32.9 | 72 |
| 27.1 | 75.0 | 7880.0 | 375.0 | -29.2 | -33.9 | 259.7 | 32.5 | 31.9 | 5.8 | 323.0 | 325.0 | 0.6 | 63.4 | 36.1 | 73 |
| 28.9 | 79.2 | 8369.2 | 350.0 | -33.2 | -37.0 | 259.9 | 32.9 | 31.9 | 8.0 | 324.0 | 325.5 | 0.4 | 68.0 | 39.6 | 73 |
| 30.5 | 83.0 | 8845.6 | 325.0 | -37.5 | -41.9 | 258.2 | 30.9 | 29.8 | 8.4 | 325.0 | 326.0 | 0.3 | 62.6 | 43.0 | 73 |
| 32.8 | 87.2 | 9432.2 | 300.0 | -42.6 | 99.9 | 249.4 | 32.8 | 30.7 | 11.5 | 325.3 | 329.9 | 99.9 | 99.9 | 47.5 | 73 |
| 34.9 | 91.8 | 10013.6 | 275.0 | -47.5 | 99.9 | 253.0 | 37.1 | 35.4 | 10.8 | 326.5 | 329.9 | 99.9 | 99.9 | 51.9 | 73 |
| 37.2 | 96.6 | 10717.1 | 250.0 | -51.8 | 99.9 | 258.9 | 34.2 | 33.6 | 6.6 | 329.1 | 329.9 | 99.9 | 99.9 | 56.6 | 73 |
| 39.5 | 101.6 | 11313.1 | 225.0 | -56.2 | 99.9 | 259.1 | 39.2 | 38.5 | 7.4 | 332.4 | 329.9 | 99.9 | 99.9 | 61.6 | 74 |
| 42.0 | 107.3 | 12052.8 | 200.0 | -61.1 | 99.9 | 259.0 | 39.4 | 38.7 | 7.5 | 336.1 | 329.9 | 99.9 | 99.9 | 67.9 | 74 |
| 44.9 | 113.3 | 12875.7 | 175.0 | -63.9 | 99.9 | 261.3 | 45.3 | 44.8 | 6.9 | 344.5 | 329.9 | 99.9 | 99.9 | 73.9 | 75 |
| 49.3 | 119.8 | 13829.8 | 150.0 | -59.8 | 99.9 | 261.4 | 36.9 | 36.5 | 5.5 | 367.2 | 329.9 | 99.9 | 99.9 | 82.8 | 75 |
| 52.1 | 127.0 | 14967.9 | 125.0 | -60.4 | 99.9 | 268.1 | 22.8 | 22.7 | 2.3 | 365.6 | 329.9 | 99.9 | 99.9 | 86.6 | 76 |
| 56.7 | 135.3 | 16355.4 | 100.0 | -62.1 | 99.9 | 258.9 | 20.4 | 27.9 | 5.5 | 407.8 | 329.9 | 99.9 | 99.9 | 97.7 | 76 |
| 62.6 | 143.3 | 18145.1 | 75.0 | -64.5 | 99.9 | 265.3 | 16.9 | 16.4 | 1.4 | 437.7 | 329.9 | 99.9 | 99.9 | 101.9 | 77 |
| 71.0 | 173.0 | 23661.7 | 50.0 | -56.8 | 99.9 | 51.4 | 4.8 | -3.7 | -3.0 | 509.8 | 999.9 | 99.9 | 99.9 | 105.1 | 78 |
| 83.4 | 183.0 | 25102.6 | 25.0 | -50.9 | 99.9 | 282.9 | 4.9 | 4.8 | -1.1 | 638.2 | 999.9 | 99.9 | 99.9 | 108.4 | 79 |

* BY SPEC MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 363
ANARILLO, TEX24 APRIL 1975
2015 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP OG C | DEW PT OG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 14.7 | 1095.0 | 886.6 | 25.4 | -5.0 | 250.0 | 5.1 | 4.8 | 1.7 | 309.4 | 318.4 | 3.0 | 13.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 15.7 | 1210.6 | 875.0 | 25.1 | -6.1 | 266.1 | 4.6 | 4.6 | 0.3 | 310.2 | 318.6 | 2.8 | 12.3 | 0.2 | 71.0 |
| 0.0 | 16.0 | 1462.7 | 850.0 | 21.8 | -6.3 | 272.1 | 4.1 | 4.1 | -0.1 | 309.4 | 317.9 | 2.8 | 14.6 | 0.3 | 76.0 |
| 1.4 | 20.4 | 1720.6 | 825.0 | 20.1 | -7.6 | 283.1 | 4.2 | 4.1 | -0.9 | 310.2 | 318.1 | 2.6 | 14.7 | 0.4 | 83.0 |
| 1.9 | 22.7 | 1983.7 | 800.0 | 16.8 | -8.9 | 293.2 | 4.3 | 4.2 | -1.0 | 309.4 | 316.8 | 2.4 | 16.2 | 0.5 | 89.0 |
| 2.6 | 25.3 | 2252.4 | 775.0 | 13.8 | -8.0 | 275.2 | 4.6 | 4.5 | -0.4 | 309.0 | 317.2 | 2.7 | 21.2 | 0.7 | 91.0 |
| 3.5 | 27.7 | 2526.7 | 750.0 | 10.4 | -8.7 | 266.6 | 4.4 | 4.2 | -1.3 | 308.2 | 316.2 | 2.6 | 25.1 | 0.9 | 93.0 |
| 4.4 | 30.3 | 2807.4 | 725.0 | 7.5 | -8.4 | 300.1 | 3.9 | 3.4 | -1.9 | 308.0 | 315.8 | 2.6 | 28.8 | 1.2 | 97.0 |
| 5.6 | 34.0 | 3094.7 | 700.0 | 4.7 | -10.3 | 300.7 | 5.0 | 4.3 | -2.6 | 308.0 | 315.5 | 2.5 | 32.7 | 1.5 | 102.0 |
| 6.8 | 35.6 | 3365.8 | 675.0 | 2.2 | -11.0 | 293.3 | 6.4 | 5.8 | -2.5 | 308.4 | 315.7 | 2.4 | 36.8 | 1.9 | 105.0 |
| 7.8 | 38.4 | 3693.3 | 650.0 | -0.2 | -13.1 | 279.6 | 6.0 | 5.9 | -1.0 | 309.0 | 315.6 | 2.2 | 37.0 | 2.3 | 106.0 |
| 8.9 | 41.1 | 4005.5 | 625.0 | -2.9 | -15.7 | 265.3 | 6.7 | 6.7 | 0.4 | 309.3 | 314.9 | 1.8 | 36.5 | 2.7 | 108.0 |
| 10.1 | 44.0 | 4327.2 | 600.0 | -5.6 | -20.8 | 260.9 | 9.3 | 9.2 | 1.5 | 309.8 | 313.6 | 1.2 | 28.8 | 3.2 | 100.0 |
| 11.3 | 47.1 | 4660.7 | 575.0 | -8.0 | -28.0 | 260.3 | 12.9 | 12.7 | 2.2 | 313.0 | 315.2 | 0.7 | 15.5 | 3.9 | 96.0 |
| 12.5 | 50.3 | 5037.6 | 550.0 | -7.9 | -30.3 | 257.3 | 15.6 | 15.4 | 3.5 | 314.7 | 316.6 | 0.6 | 14.4 | 5.0 | 93.0 |
| 13.7 | 53.3 | 5367.4 | 525.0 | -10.4 | -31.0 | 251.2 | 18.7 | 17.7 | 6.0 | 315.9 | 317.8 | 0.5 | 16.6 | 6.1 | 89.0 |
| 14.9 | 56.4 | 5741.2 | 500.0 | -13.3 | -32.5 | 249.0 | 22.3 | 20.8 | 8.0 | 316.9 | 320.1 | 1.0 | 36.5 | 7.6 | 85.0 |
| 16.2 | 59.5 | 6129.8 | 475.0 | -15.7 | -32.1 | 246.7 | 28.4 | 26.5 | 10.3 | 319.7 | 323.1 | 1.4 | 57.6 | 9.3 | 82.0 |
| 17.6 | 63.3 | 6515.3 | 450.0 | -18.8 | -29.7 | 244.6 | 30.2 | 27.3 | 13.0 | 319.6 | 323.4 | 1.1 | 59.4 | 11.9 | 79.0 |
| 19.1 | 68.9 | 6858.8 | 425.0 | -22.1 | -27.7 | 243.3 | 30.3 | 27.1 | 13.6 | 320.7 | 323.8 | 0.9 | 60.4 | 14.6 | 76.0 |
| 20.5 | 70.8 | 7401.7 | 400.0 | -25.8 | -31.0 | 241.2 | 32.3 | 28.3 | 15.6 | 321.5 | 323.9 | 0.7 | 61.6 | 17.2 | 74.0 |
| 22.1 | 74.5 | 7866.2 | 375.0 | -29.2 | -36.1 | 244.3 | 35.6 | 32.3 | 15.5 | 322.9 | 324.5 | 0.5 | 50.9 | 20.3 | 72.0 |
| 23.0 | 76.8 | 8354.9 | 350.0 | -33.6 | -39.9 | 248.0 | 37.3 | 34.6 | 14.0 | 323.4 | 324.6 | 0.3 | 52.3 | 24.4 | 71.0 |
| 25.6 | 83.0 | 8870.1 | 325.0 | -38.1 | -44.1 | 246.4 | 37.3 | 34.1 | 14.9 | 324.0 | 324.9 | 0.2 | 53.2 | 27.9 | 71.0 |
| 27.2 | 87.2 | 9415.9 | 300.0 | -42.8 | -48.9 | 245.1 | 39.1 | 35.5 | 16.5 | 325.1 | 325.9 | 99.9 | 99.9 | 31.6 | 70.0 |
| 29.4 | 92.2 | 9968.7 | 275.0 | -46.5 | -54.5 | 244.4 | 41.6 | 37.5 | 18.0 | 327.9 | 327.9 | 99.9 | 99.9 | 37.0 | 69.0 |
| 31.4 | 97.2 | 10626.2 | 250.0 | -50.4 | -59.9 | 249.2 | 42.9 | 40.1 | 15.2 | 331.1 | 331.1 | 99.9 | 99.9 | 42.2 | 67.0 |
| 33.6 | 102.5 | 11306.6 | 225.0 | -54.7 | -64.3 | 250.8 | 44.2 | 43.4 | 8.6 | 336.7 | 336.7 | 99.9 | 99.9 | 47.1 | 70.0 |
| 35.1 | 105.5 | 12053.1 | 200.0 | -58.8 | -69.9 | 254.3 | 30.6 | 29.4 | 8.2 | 339.6 | 339.6 | 99.9 | 99.9 | 52.3 | 70.0 |
| 38.9 | 114.8 | 12886.3 | 175.0 | -59.4 | -74.9 | 259.9 | 31.1 | 30.6 | 5.4 | 351.8 | 351.8 | 99.9 | 99.9 | 59.7 | 71.0 |
| 42.1 | 121.7 | 13854.5 | 150.0 | -57.9 | -79.9 | 261.0 | 33.0 | 32.6 | 5.2 | 370.3 | 370.3 | 99.9 | 99.9 | 66.7 | 72.0 |
| 46.0 | 126.3 | 15001.7 | 125.0 | -58.8 | -84.9 | 261.4 | 25.1 | 25.8 | 3.8 | 388.6 | 388.6 | 99.9 | 99.9 | 74.0 | 72.0 |
| 50.4 | 137.3 | 16356.2 | 100.0 | -61.7 | -89.9 | 266.7 | 28.1 | 25.4 | 0.0 | 408.5 | 408.5 | 99.9 | 99.9 | 81.2 | 73.0 |
| 55.6 | 145.0 | 18173.9 | 7.0 | -60.8 | -94.9 | 268.1 | 27.5 | 27.5 | 0.9 | 445.6 | 445.6 | 99.9 | 99.9 | 90.1 | 74.0 |
| 63.3 | 154.0 | 20653.5 | 5.0 | -57.3 | -99.9 | 123.5 | 6.3 | -5.3 | 3.5 | 508.4 | 508.4 | 99.9 | 99.9 | 92.6 | 74.0 |
| 75.2 | 163.0 | 25161.7 | 25.0 | -49.2 | -99.9 | 265.6 | 14.5 | 14.5 | 1.1 | 643.2 | 643.2 | 99.9 | 99.9 | 97.5 | 74.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE 1A
 OF POOR QUALITY

ORIGINAL PAGE IS

STATION NC. 402
WALLOPS ISLAND, VA24 APRIL 1975
2055 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PQT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| | | | | | | | | | | | | | | | |
| 0.0 | 4.8 | 4.0 | 1012.2 | 14.4 | 10.6 | 955.9 | 99.9 | 99.9 | 59.9 | 287.6 | 308.2 | 8.0 | 78.0 | 999.9 | 999.9 |
| 0.4 | 5.9 | 107.4 | 1000.0 | 17.8 | 12.2 | 959.9 | 99.9 | 99.9 | 53.9 | 292.2 | 315.8 | 9.0 | 69.7 | 999.9 | 999.9 |
| 1.3 | P.0 | 325.7 | 975.0 | 21.1 | 12.3 | 999.9 | 99.9 | 99.9 | 55.9 | 297.7 | 323.4 | 9.6 | 59.4 | 999.9 | 999.9 |
| 2.3 | 10.1 | 550.1 | 950.0 | 19.2 | 11.7 | 959.9 | 99.9 | 99.9 | 59.9 | 297.9 | 321.4 | 9.1 | 61.6 | 999.9 | 999.9 |
| 3.2 | 12.1 | 778.9 | 925.0 | 17.1 | 10.5 | 999.9 | 99.9 | 99.9 | 99.9 | 298.0 | 321.2 | 8.7 | 65.0 | 999.9 | 999.9 |
| 4.1 | 14.4 | 1012.4 | 900.0 | 15.3 | 9.7 | 999.9 | 99.9 | 99.9 | 59.9 | 298.5 | 321.2 | 8.5 | 69.1 | 999.9 | 999.9 |
| 5.1 | 16.5 | 1250.9 | 875.0 | 13.5 | 8.8 | 999.9 | 99.9 | 99.9 | 59.9 | 298.9 | 321.0 | 8.2 | 72.9 | 999.9 | 999.9 |
| 6.3 | 18.4 | 1454.8 | 850.0 | 12.1 | 7.0 | 959.9 | 99.9 | 99.9 | 49.9 | 299.8 | 320.1 | 7.4 | 71.3 | 999.9 | 999.9 |
| 7.3 | 21.3 | 1745.3 | 825.0 | 12.9 | 3.9 | 999.9 | 99.9 | 99.9 | 59.9 | 303.0 | 320.3 | 6.2 | 54.2 | 999.9 | 999.9 |
| 8.2 | 23.4 | 2003.8 | 800.0 | 11.8 | 3.0 | 999.9 | 99.9 | 99.9 | 99.9 | 304.6 | 321.4 | 6.0 | 54.7 | 999.9 | 999.9 |
| 9.1 | 25.7 | 2268.9 | 775.0 | 9.6 | 2.2 | 999.9 | 99.9 | 99.9 | 99.9 | 304.9 | 321.3 | 5.8 | 59.7 | 999.9 | 999.9 |
| 10.2 | 28.1 | 2540.2 | 750.0 | 7.3 | 1.3 | 959.9 | 99.9 | 99.9 | 99.9 | 305.2 | 321.2 | 5.6 | 65.5 | 999.9 | 999.9 |
| 11.4 | 30.7 | 2818.6 | 725.0 | 5.0 | 1.8 | 999.9 | 99.9 | 99.9 | 99.9 | 305.8 | 322.8 | 6.0 | 79.4 | 999.9 | 999.9 |
| 12.6 | 33.3 | 3104.2 | 700.0 | 2.5 | 1.7 | 999.9 | 99.9 | 99.9 | 99.9 | 306.0 | 323.6 | 6.2 | 94.4 | 999.9 | 999.9 |
| 13.8 | 35.3 | 3337.6 | 675.0 | -0.1 | -0.8 | 999.9 | 99.9 | 99.9 | 99.9 | 306.2 | 323.6 | 5.4 | 95.1 | 999.9 | 999.9 |
| 15.1 | 38.6 | 3609.3 | 650.0 | -0.7 | -2.5 | 999.9 | 99.9 | 99.9 | 99.9 | 308.2 | 323.0 | 4.9 | 87.4 | 999.9 | 999.9 |
| 16.3 | 41.1 | 4012.3 | 625.0 | -2.5 | -4.3 | 999.9 | 99.9 | 99.9 | 99.9 | 310.2 | 323.5 | 4.6 | 89.2 | 999.9 | 999.9 |
| 17.6 | 44.3 | 4335.1 | 600.0 | -4.8 | -6.3 | 999.9 | 99.9 | 99.9 | 99.9 | 311.0 | 323.8 | 4.0 | 89.1 | 999.9 | 999.9 |
| 18.9 | 47.3 | 4669.4 | 575.0 | -6.5 | -7.8 | 999.9 | 99.9 | 99.9 | 99.9 | 312.8 | 324.0 | 3.7 | 90.3 | 999.9 | 999.9 |
| 20.0 | 50.3 | 5015.9 | 550.0 | -8.7 | -11.9 | 999.9 | 99.9 | 99.9 | 99.9 | 314.1 | 322.8 | 2.8 | 78.3 | 999.9 | 999.9 |
| 21.4 | 52.9 | 5375.3 | 525.0 | -13.7 | -20.0 | 999.9 | 99.9 | 99.9 | 99.9 | 315.8 | 323.5 | 1.5 | 46.2 | 999.9 | 999.9 |
| 23.0 | 55.4 | 5745.7 | 500.0 | -12.2 | -21.6 | 999.9 | 99.9 | 99.9 | 99.9 | 318.3 | 322.7 | 1.4 | 45.4 | 999.9 | 999.9 |
| 24.5 | 58.3 | 6139.8 | 475.0 | -14.7 | -40.4 | 999.9 | 99.9 | 99.9 | 99.9 | 319.7 | 320.6 | 0.2 | 9.0 | 999.9 | 999.9 |
| 25.9 | 62.6 | 6546.6 | 450.0 | -18.1 | -41.0 | 999.9 | 99.9 | 99.9 | 99.9 | 320.5 | 321.3 | 0.2 | 11.3 | 999.9 | 999.9 |
| 27.4 | 66.0 | 6970.6 | 425.0 | -21.3 | -39.3 | 999.9 | 99.9 | 99.9 | 99.9 | 321.6 | 322.7 | 0.3 | 17.8 | 999.9 | 999.9 |
| 29.0 | 69.7 | 7414.8 | 400.0 | -25.1 | -30.6 | 999.9 | 99.9 | 99.9 | 99.9 | 322.4 | 323.0 | 0.7 | 59.7 | 999.9 | 999.9 |
| 30.8 | 73.3 | 7880.6 | 375.0 | -28.5 | -41.8 | 999.9 | 99.9 | 99.9 | 99.9 | 323.8 | 324.7 | 0.3 | 26.5 | 999.9 | 999.9 |
| 32.8 | 77.3 | 8371.1 | 350.0 | -32.1 | -42.7 | 999.9 | 99.9 | 99.9 | 99.9 | 325.4 | 326.3 | 0.3 | 34.6 | 999.9 | 999.9 |
| 35.0 | 81.3 | 8890.7 | 325.0 | -35.9 | -47.9 | 999.9 | 99.9 | 99.9 | 99.9 | 327.1 | 327.7 | 0.1 | 27.6 | 999.9 | 999.9 |
| 36.9 | 85.5 | 9418.7 | 300.0 | -40.7 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 328.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 38.4 | 89.2 | 10027.6 | 275.0 | -45.6 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 329.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 40.8 | 93.2 | 10654.5 | 250.0 | -51.4 | -54.3 | 999.9 | 99.9 | 99.9 | 99.9 | 329.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 43.1 | 100.2 | 11328.9 | 225.0 | -57.7 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 330.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 45.7 | 106.8 | 12061.1 | 200.0 | -64.2 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 331.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 49.5 | 111.7 | 12974.1 | 175.0 | -65.7 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 331.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 51.6 | 118.3 | 13903.2 | 150.0 | -63.2 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 331.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 55.6 | 125.3 | 14941.4 | 125.0 | -59.7 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 337.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 60.2 | 133.3 | 16330.7 | 100.0 | -60.9 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 410.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 66.1 | 140.7 | 18056.9 | 75.0 | -66.3 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 433.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 74.3 | 148.3 | 20616.3 | 50.0 | -59.4 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 503.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 87.2 | 156.3 | 25047.8 | 25.0 | -52.2 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 635.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 405
STERLING, VA

24 APRIL 1975

| TIME MIN | CATCT | HEIGHT GFW | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX PTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.2 | 85.0 | 999.1 | 23.9 | 12.5 | 220.0 | 6.2 | 4.0 | 4.7 | 298.4 | 323.1 | 9.2 | 49.0 | 0.0 | 0. |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 394. |
| 0.7 | 8.7 | 256.5 | 975.0 | 23.0 | 12.0 | 204.3 | 12.7 | 5.2 | 11.5 | 299.5 | 324.1 | 9.1 | 50.0 | 0.4 | 29. |
| 1.4 | 10.9 | 524.3 | 950.0 | 21.0 | 11.1 | 208.3 | 13.7 | 6.5 | 12.0 | 299.7 | 323.6 | 8.8 | 53.1 | 0.9 | 27. |
| 2.0 | 13.4 | 754.5 | 925.0 | 18.9 | 10.4 | 211.1 | 14.2 | 7.4 | 12.2 | 299.8 | 323.2 | 8.6 | 57.9 | 1.5 | 28. |
| 2.8 | 15.9 | 985.3 | 900.0 | 17.0 | 9.7 | 215.8 | 15.5 | 9.3 | 12.5 | 300.1 | 323.1 | 8.5 | 62.4 | 2.2 | 30. |
| 3.6 | 18.3 | 1226.9 | 875.0 | 14.6 | 9.2 | 219.1 | 16.8 | 10.6 | 13.1 | 300.1 | 323.0 | 8.4 | 69.9 | 2.9 | 32. |
| 4.5 | 20.3 | 1472.6 | 850.0 | 12.8 | 8.5 | 226.3 | 15.7 | 11.7 | 10.4 | 300.6 | 323.0 | 8.2 | 75.1 | 3.8 | 34. |
| 5.3 | 23.3 | 1724.0 | 825.0 | 11.0 | 7.2 | 236.9 | 15.2 | 12.8 | 8.3 | 301.2 | 322.6 | 7.8 | 77.6 | 4.5 | 34. |
| 6.2 | 25.9 | 1990.5 | 800.0 | 9.6 | 6.7 | 242.9 | 17.6 | 15.7 | 8.0 | 302.4 | 323.7 | 7.7 | 81.9 | 5.3 | 41. |
| 6.9 | 28.5 | 2233.8 | 775.0 | 7.7 | 5.6 | 250.4 | 19.6 | 18.5 | 6.6 | 303.1 | 323.5 | 7.4 | 86.2 | 6.1 | 44. |
| 7.7 | 31.3 | 2513.8 | 750.0 | 5.9 | 4.9 | 256.2 | 22.2 | 21.6 | 5.3 | 304.0 | 324.2 | 7.3 | 92.7 | 6.9 | 46. |
| 8.5 | 34.2 | 2791.3 | 725.0 | 4.9 | 3.2 | 258.0 | 23.9 | 23.4 | 5.0 | 305.7 | 324.5 | 6.7 | 98.3 | 7.9 | 51. |
| 9.4 | 36.9 | 3077.8 | 700.0 | 4.0 | 0.5 | 257.3 | 23.8 | 23.3 | 5.2 | 307.7 | 324.1 | 5.7 | 103.0 | 8.1 | 56. |
| 10.4 | 39.3 | 3372.7 | 675.0 | 1.4 | -1.0 | 256.3 | 23.1 | 22.4 | 5.5 | 307.9 | 323.2 | 5.3 | 108.8 | 10.1 | 54. |
| 11.4 | 42.6 | 3675.9 | 650.0 | -0.9 | -3.2 | 258.0 | 25.0 | 24.2 | 6.2 | 308.5 | 323.3 | 5.1 | 114.1 | 11.9 | 61. |
| 12.4 | 45.1 | 3986.6 | 625.0 | -2.3 | -3.2 | 258.0 | 24.6 | 24.3 | 6.9 | 310.4 | 324.5 | 4.8 | 119.4 | 13.3 | 63. |
| 13.4 | 47.1 | 4312.4 | 600.0 | -4.0 | -4.9 | 257.0 | 25.6 | 25.0 | 7.1 | 312.1 | 325.2 | 4.4 | 124.7 | 14.7 | 64. |
| 14.3 | 51.7 | 4647.6 | 575.0 | -6.0 | -7.2 | 255.1 | 27.8 | 26.9 | 7.8 | 313.6 | 325.0 | 3.9 | 129.7 | 16.1 | 65. |
| 15.4 | 55.3 | 4993.8 | 550.0 | -9.1 | -11.2 | 253.7 | 26.9 | 25.9 | 7.6 | 315.7 | 324.6 | 2.9 | 134.8 | 17.6 | 67. |
| 16.4 | 59.0 | 5353.1 | 525.0 | -10.9 | -12.0 | 254.9 | 29.2 | 28.2 | 7.6 | 315.7 | 324.6 | 2.9 | 139.7 | 19.6 | 67. |
| 17.5 | 61.5 | 5726.8 | 500.0 | -13.6 | -16.8 | 256.5 | 30.3 | 29.4 | 7.1 | 318.6 | 323.2 | 2.1 | 144.7 | 21.6 | 68. |
| 18.7 | 65.3 | 6114.5 | 475.0 | -15.7 | -19.6 | 261.8 | 26.1 | 25.4 | 3.7 | 319.8 | 324.2 | 1.7 | 149.4 | 23.6 | 64. |
| 19.9 | 68.3 | 6522.0 | 450.0 | -17.3 | -21.3 | 265.2 | 21.1 | 23.0 | 1.9 | 321.6 | 325.7 | 1.5 | 154.3 | 25.4 | 70. |
| 21.1 | 71.3 | 6948.1 | 425.0 | -20.4 | -24.7 | 263.6 | 20.0 | 19.9 | 2.2 | 322.9 | 327.0 | 1.2 | 159.3 | 26.4 | 70. |
| 22.4 | 75.7 | 7394.3 | 400.0 | -23.7 | -27.9 | 265.9 | 22.4 | 22.4 | 1.6 | 324.2 | 327.5 | 1.0 | 164.2 | 28.4 | 71. |
| 23.8 | 79.7 | 7862.4 | 375.0 | -27.2 | -31.5 | 267.3 | 23.4 | 23.4 | 1.1 | 325.6 | 328.1 | 0.7 | 169.1 | 30.2 | 72. |
| 25.4 | 83.5 | 8356.0 | 350.0 | -31.1 | -36.6 | 270.5 | 29.4 | 29.4 | -0.2 | 326.8 | 328.5 | 0.5 | 174.0 | 32.9 | 73. |
| 27.1 | 87.7 | 8876.9 | 325.0 | -35.4 | -41.7 | 273.5 | 27.8 | 27.7 | -2.2 | 327.8 | 328.9 | 0.3 | 178.8 | 35.3 | 75. |
| 28.6 | 92.2 | 9428.5 | 300.0 | -40.4 | -46.9 | 274.3 | 27.0 | 27.0 | -1.5 | 328.5 | 329.9 | 0.9 | 183.7 | 38.0 | 76. |
| 30.5 | 96.5 | 10015.5 | 275.0 | -45.5 | -51.9 | 274.3 | 26.7 | 26.6 | -2.0 | 329.3 | 329.9 | 0.9 | 188.6 | 40.9 | 78. |
| 32.6 | 101.4 | 10693.3 | 250.0 | -51.2 | -57.9 | 276.6 | 24.5 | 24.3 | -2.9 | 330.0 | 329.9 | 0.9 | 193.5 | 43.9 | 79. |
| 34.8 | 106.5 | 11319.2 | 225.0 | -57.1 | -63.9 | 276.6 | 25.9 | 25.7 | -3.0 | 331.0 | 329.9 | 0.9 | 198.4 | 47.3 | 80. |
| 37.3 | 112.3 | 12052.5 | 200.0 | -63.9 | -70.3 | 278.3 | 34.3 | 33.9 | -5.0 | 331.6 | 329.9 | 0.9 | 203.3 | 51.3 | 82. |
| 40.2 | 118.9 | 12858.4 | 175.0 | -70.3 | -76.7 | 286.5 | 35.6 | 34.1 | -10.1 | 334.0 | 329.9 | 0.9 | 208.2 | 54.7 | 84. |
| 43.4 | 124.3 | 13680.5 | 150.0 | -76.7 | -83.1 | 286.5 | 34.1 | 31.3 | -1.1 | 336.7 | 329.9 | 0.9 | 213.1 | 58.1 | 85. |
| 47.6 | 131.2 | 14930.1 | 125.0 | -83.1 | -89.9 | 286.5 | 33.8 | 33.8 | -4.0 | 337.6 | 329.9 | 0.9 | 218.0 | 61.5 | 86. |
| 52.3 | 138.8 | 16333.0 | 100.0 | -89.9 | -96.9 | 291.9 | 15.8 | 14.7 | -5.9 | 413.5 | 329.9 | 0.9 | 222.9 | 64.9 | 88. |
| 59.3 | 147.0 | 18107.3 | 75.0 | -96.6 | -104.3 | 304.3 | 13.0 | 10.7 | -7.3 | 433.2 | 329.9 | 0.9 | 227.8 | 68.3 | 90. |
| 67.0 | 155.7 | 20625.7 | 50.0 | -104.3 | -111.7 | 324.8 | 4.4 | 0.6 | -4.4 | 505.5 | 329.9 | 0.9 | 232.7 | 71.7 | 91. |
| 79.7 | 165.7 | 25099.5 | 25.0 | -122.0 | -129.7 | 324.8 | 4.4 | 2.4 | -3.9 | 635.6 | 329.9 | 0.9 | 237.6 | 75.1 | 91. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 475
HUNTINGTON, WVA24 APRIL 1975
2040 GMT

103 169. C

| TIME MIN | CATCT | HEIGHT GPN | PRES MB | TEMP DG C | CEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT UG K | E POT DG K | WX RTO GM/KG | BM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|-------------|---------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.4 | 246.0 | 982.1 | 17.2 | 15.5 | 230.0 | 4.1 | 3.1 | 2.6 | 293.4 | 323.0 | 11.4 | 90.0 | 0.0 | 7.4 |
| 99.9 | 55.3 | 59.9 | 1300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 7.3 | 308.2 | 975.0 | 17.0 | 15.2 | 240.1 | 11.4 | 9.9 | 5.7 | 253.8 | 323.0 | 11.2 | 88.9 | 0.2 | 4.0 |
| 0.8 | 10.1 | 539.1 | 950.0 | 17.1 | 12.1 | 240.6 | 14.0 | 12.2 | 6.9 | 258.8 | 319.9 | 9.5 | 78.2 | 0.5 | 6.2 |
| 1.3 | 12.1 | 759.2 | 925.0 | 17.8 | 12.9 | 241.1 | 15.9 | 13.9 | 7.7 | 298.9 | 325.9 | 10.1 | 72.3 | 0.9 | 5.1 |
| 2.0 | 14.3 | 952.7 | 900.0 | 16.5 | 10.8 | 251.7 | 23.7 | 22.7 | 6.7 | 292.7 | 324.2 | 9.1 | 69.3 | 1.6 | 5.2 |
| 2.6 | 16.4 | 1217.4 | 875.0 | 15.0 | 9.3 | 256.0 | 26.9 | 25.1 | 6.5 | 305.5 | 323.5 | 8.5 | 68.9 | 2.7 | 5.6 |
| 3.2 | 18.6 | 1477.5 | 850.0 | 13.2 | 8.7 | 251.6 | 23.9 | 22.7 | 7.5 | 301.1 | 324.0 | 8.4 | 74.3 | 3.5 | 7.1 |
| 4.3 | 20.9 | 1729.1 | 825.0 | 11.2 | 9.2 | 255.5 | 24.3 | 23.5 | 6.1 | 301.6 | 325.9 | 8.9 | 87.7 | 4.9 | 7.1 |
| 4.7 | 23.2 | 1984.9 | 800.0 | 9.3 | 7.0 | 253.4 | 25.6 | 24.1 | 5.2 | 302.1 | 323.9 | 7.9 | 85.6 | 5.8 | 7.4 |
| 5.3 | 25.5 | 2248.1 | 775.0 | 7.4 | 6.2 | 258.9 | 25.2 | 24.8 | 4.8 | 302.8 | 324.1 | 7.7 | 92.4 | 6.7 | 7.4 |
| 6.1 | 28.0 | 2517.8 | 750.0 | 5.9 | 4.7 | 261.0 | 24.4 | 24.1 | 3.8 | 303.9 | 323.9 | 7.2 | 92.0 | 7.7 | 7.4 |
| 6.8 | 30.5 | 2795.4 | 725.0 | 4.4 | 2.0 | 262.7 | 25.1 | 24.9 | 3.2 | 305.0 | 322.3 | 6.1 | 84.6 | 8.7 | 7.1 |
| 7.7 | 33.1 | 3093.4 | 700.0 | 2.8 | 0.6 | 264.8 | 25.7 | 25.6 | 2.3 | 308.4 | 322.7 | 5.7 | 85.4 | 10.2 | 7.1 |
| 8.5 | 35.6 | 3375.5 | 675.0 | 1.6 | 0.2 | 268.4 | 25.5 | 25.5 | 1.4 | 308.2 | 324.7 | 5.8 | 90.1 | 11.4 | 7.1 |
| 9.3 | 38.2 | 3679.0 | 650.0 | -0.3 | -1.5 | 262.9 | 24.8 | 24.7 | 0.1 | 310.2 | 324.5 | 5.3 | 91.5 | 12.5 | 7.1 |
| 10.1 | 40.4 | 3952.5 | 625.0 | -1.9 | -3.7 | 272.9 | 24.7 | 24.7 | -1.3 | 310.2 | 324.6 | 4.7 | 97.5 | 13.4 | 7.1 |
| 11.0 | 42.6 | 4315.6 | 600.0 | -3.9 | -5.5 | 273.1 | 25.8 | 25.7 | -1.5 | 312.2 | 324.6 | 4.2 | 88.6 | 15.1 | 7.1 |
| 11.9 | 44.4 | 4651.9 | 575.0 | -5.4 | -7.1 | 272.2 | 27.2 | 27.2 | -1.1 | 313.9 | 325.6 | 3.9 | 84.7 | 16.4 | 7.1 |
| 12.9 | 46.4 | 4999.8 | 550.0 | -7.6 | -9.3 | 272.2 | 28.0 | 28.0 | -1.1 | 315.5 | 326.0 | 3.4 | 87.1 | 18.1 | 7.1 |
| 13.7 | 52.1 | 5311.1 | 525.0 | -5.6 | -11.5 | 272.5 | 28.5 | 28.5 | -1.3 | 317.3 | 326.6 | 3.0 | 85.5 | 19.4 | 7.1 |
| 14.7 | 55.2 | 5736.9 | 500.0 | -11.8 | -14.0 | 271.3 | 28.7 | 28.7 | -1.0 | 318.9 | 327.0 | 2.6 | 83.5 | 21.1 | 7.1 |
| 15.7 | 56.3 | 6124.4 | 475.0 | -14.2 | -16.7 | 270.8 | 27.4 | 27.4 | -0.4 | 320.6 | 327.5 | 2.2 | 81.3 | 22.7 | 7.1 |
| 16.7 | 61.6 | 6537.1 | 450.0 | -16.6 | -19.4 | 268.7 | 27.9 | 27.9 | 0.6 | 322.5 | 328.4 | 1.8 | 78.9 | 24.4 | 7.1 |
| 17.4 | 65.0 | 6964.3 | 425.0 | -19.4 | -22.4 | 261.4 | 26.9 | 26.6 | 4.0 | 324.2 | 329.2 | 1.5 | 76.9 | 26.3 | 7.1 |
| 18.3 | 68.3 | 7412.9 | 400.0 | -22.6 | -25.2 | 258.4 | 26.9 | 26.1 | 6.3 | 325.6 | 329.4 | 1.1 | 72.5 | 27.3 | 7.1 |
| 19.9 | 71.7 | 7482.9 | 375.0 | -26.4 | -28.4 | 256.1 | 25.7 | 25.0 | 6.1 | 326.7 | 329.7 | 0.9 | 75.4 | 28.7 | 7.1 |
| 21.0 | 75.5 | 8378.1 | 350.0 | -30.2 | -31.6 | 256.4 | 27.8 | 27.0 | 6.4 | 328.1 | 330.1 | 0.6 | 65.0 | 31.4 | 7.1 |
| 22.2 | 75.3 | 8931.3 | 325.0 | -34.3 | -39.2 | 255.0 | 27.3 | 26.4 | 7.1 | 329.3 | 330.7 | 0.4 | 60.5 | 33.3 | 7.1 |
| 23.5 | 83.2 | 9455.5 | 300.0 | -39.1 | -43.7 | 251.7 | 27.3 | 26.9 | 8.6 | 330.2 | 331.1 | 0.2 | 61.0 | 35.4 | 7.1 |
| 24.9 | 87.4 | 10060.7 | 275.0 | -43.6 | -48.9 | 246.7 | 26.3 | 25.2 | 10.4 | 332.0 | 332.6 | 99.9 | 99.9 | 37.8 | 7.1 |
| 26.7 | 92.0 | 10678.6 | 250.0 | -49.6 | -54.9 | 246.9 | 24.1 | 23.8 | 11.0 | 332.3 | 333.9 | 99.9 | 99.9 | 40.5 | 7.1 |
| 28.1 | 96.3 | 11358.2 | 225.0 | -56.1 | -59.9 | 241.7 | 24.9 | 21.9 | 11.8 | 332.5 | 334.5 | 99.9 | 99.9 | 42.4 | 7.1 |
| 29.8 | 101.8 | 12044.6 | 200.0 | -62.9 | -67.5 | 250.7 | 24.3 | 22.9 | 8.0 | 333.1 | 335.9 | 99.9 | 99.9 | 44.4 | 7.1 |
| 31.8 | 107.4 | 12905.2 | 175.0 | -67.5 | -72.9 | 99.9 | 99.9 | 99.9 | 99.9 | 336.6 | 336.9 | 99.9 | 99.9 | 46.9 | 7.1 |
| 33.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 49.9 | 7.1 |
| 35.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 52.9 | 7.1 |
| 37.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 55.9 | 7.1 |
| 39.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 58.9 | 7.1 |
| 41.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 61.9 | 7.1 |
| 43.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 64.9 | 7.1 |
| 45.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 67.9 | 7.1 |

ORIGINAL PAGE IS
OF POOR QUALITY

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS

STATION NO. 429
DAYTON, OHIO24 APRIL 1975
2015 GMT

| TIME MIN | CNTY | HEIGHT GPA | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT Y DG K | E PCT Y DG K | MR RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.2 | 578.0 | 975.0 | 18.5 | 15.9 | 205.0 | 1.5 | 0.0 | 1.4 | 295.3 | 326.2 | 11.8 | 45.0 | 0.0 | 0. |
| 99.9 | 99.9 | 59.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.8 | 10.2 | 520.6 | 950.0 | 16.7 | 12.6 | 594.9 | 99.9 | 99.9 | 99.9 | 295.5 | 321.1 | 9.7 | 76.5 | 99.9 | 99.9 |
| 1.5 | 12.4 | 747.8 | 925.0 | 15.4 | 12.0 | 999.9 | 99.9 | 99.9 | 99.9 | 246.4 | 321.9 | 9.6 | 80.3 | 99.9 | 99.9 |
| 2.4 | 14.7 | 979.7 | 900.0 | 13.0 | 11.4 | 292.3 | 7.0 | 6.5 | 3.6 | 296.7 | 321.3 | 9.5 | 60.3 | 99.9 | 99.9 |
| 3.4 | 16.5 | 1216.4 | 875.0 | 11.3 | 9.6 | 294.5 | 6.7 | 7.9 | -3.6 | 296.7 | 319.8 | 8.6 | 69.5 | 99.9 | 99.9 |
| 4.2 | 19.3 | 1452.5 | 850.0 | 10.4 | 6.8 | 295.2 | 9.0 | 8.2 | -3.8 | 298.0 | 317.9 | 7.3 | 78.2 | 99.9 | 99.9 |
| 5.3 | 21.3 | 1735.8 | 825.0 | 8.6 | 5.5 | 290.0 | 9.5 | 8.9 | -3.3 | 298.6 | 317.4 | 6.9 | 80.9 | 99.9 | 99.9 |
| 6.2 | 23.6 | 1961.1 | 800.0 | 7.1 | 5.1 | 293.9 | 5.4 | 4.9 | -2.2 | 299.7 | 318.6 | 6.9 | 86.8 | 99.9 | 99.9 |
| 7.2 | 25.9 | 2221.9 | 775.0 | 5.3 | 4.3 | 302.8 | 5.0 | 4.2 | -2.7 | 300.3 | 318.9 | 6.8 | 93.6 | 99.9 | 99.9 |
| 8.3 | 28.4 | 2499.5 | 750.0 | 3.8 | 0.7 | 314.3 | 6.0 | 4.3 | -4.2 | 301.4 | 314.6 | 5.4 | 104.4 | 99.9 | 99.9 |
| 9.3 | 31.0 | 2764.8 | 725.0 | 2.5 | -1.8 | 318.1 | 7.3 | 4.8 | -5.4 | 302.8 | 316.0 | 4.6 | 112.2 | 99.9 | 99.9 |
| 10.3 | 33.6 | 3046.4 | 700.0 | 1.3 | -3.2 | 318.2 | 6.2 | 4.1 | -4.6 | 304.5 | 316.9 | 4.3 | 117.8 | 99.9 | 99.9 |
| 11.3 | 36.0 | 3340.7 | 675.0 | -0.3 | -5.6 | 310.4 | 5.8 | 4.4 | -3.8 | 305.8 | 316.7 | 3.7 | 125.2 | 99.9 | 99.9 |
| 12.3 | 38.7 | 3642.1 | 650.0 | -2.1 | -6.9 | 278.1 | 8.4 | 6.3 | -1.2 | 307.1 | 317.4 | 3.5 | 131.9 | 99.9 | 99.9 |
| 13.4 | 41.3 | 3953.2 | 625.0 | -3.4 | -6.9 | 259.6 | 15.3 | 15.1 | 2.8 | 309.0 | 319.9 | 3.7 | 138.9 | 99.9 | 99.9 |
| 14.4 | 44.1 | 4275.9 | 600.0 | -4.4 | -7.0 | 256.0 | 20.4 | 19.8 | 4.9 | 311.4 | 322.7 | 3.8 | 145.5 | 99.9 | 99.9 |
| 15.7 | 47.3 | 4610.1 | 575.0 | -6.8 | -9.0 | 256.3 | 23.4 | 22.7 | 5.5 | 312.5 | 323.4 | 3.6 | 152.5 | 99.9 | 99.9 |
| 17.0 | 50.0 | 4958.3 | 550.0 | -9.0 | -11.2 | 256.6 | 24.4 | 23.9 | 5.7 | 313.8 | 322.8 | 3.0 | 159.1 | 99.9 | 99.9 |
| 18.1 | 52.9 | 5313.6 | 525.0 | -10.5 | -19.0 | 260.2 | 27.3 | 26.9 | 5.6 | 315.9 | 321.1 | 1.6 | 165.9 | 99.9 | 99.9 |
| 19.2 | 55.9 | 5691.2 | 500.0 | -11.0 | -35.8 | 266.9 | 27.0 | 27.0 | 0.9 | 319.6 | 320.9 | 0.4 | 172.5 | 99.9 | 99.9 |
| 20.6 | 59.0 | 6082.8 | 475.0 | -14.0 | -50.2 | 272.0 | 27.0 | 27.0 | -0.9 | 320.6 | 320.9 | 0.1 | 179.1 | 99.9 | 99.9 |
| 22.1 | 62.3 | 6491.0 | 450.0 | -16.9 | -48.0 | 273.4 | 26.8 | 26.8 | -1.6 | 321.9 | 322.3 | 0.1 | 185.7 | 99.9 | 99.9 |
| 23.7 | 65.7 | 6917.9 | 425.0 | -20.3 | -39.5 | 278.2 | 29.1 | 29.1 | 0.9 | 323.0 | 324.0 | 0.3 | 192.5 | 99.9 | 99.9 |
| 25.3 | 69.1 | 7363.8 | 400.0 | -23.6 | -33.6 | 283.0 | 31.3 | 31.1 | 3.8 | 324.3 | 326.1 | 0.6 | 200.1 | 99.9 | 99.9 |
| 27.1 | 72.5 | 7832.7 | 375.0 | -26.9 | -40.2 | 289.4 | 28.7 | 28.2 | 5.3 | 325.9 | 327.0 | 0.3 | 207.5 | 99.9 | 99.9 |
| 28.8 | 76.3 | 8326.3 | 350.0 | -30.8 | -41.3 | 286.4 | 30.8 | 29.9 | 7.2 | 327.2 | 329.3 | 0.3 | 214.9 | 99.9 | 99.9 |
| 30.5 | 80.3 | 8847.7 | 325.0 | -35.3 | -42.7 | 283.1 | 33.8 | 32.3 | 9.8 | 328.0 | 329.0 | 0.3 | 222.5 | 99.9 | 99.9 |
| 32.4 | 84.3 | 9400.5 | 300.0 | -39.3 | -48.8 | 280.1 | 35.0 | 32.9 | 11.9 | 329.9 | 330.5 | 0.1 | 230.1 | 99.9 | 99.9 |
| 34.5 | 88.5 | 9990.0 | 275.0 | -43.4 | -59.9 | 284.2 | 34.8 | 31.3 | 15.1 | 330.9 | 330.9 | 99.9 | 237.5 | 99.9 | 99.9 |
| 36.7 | 93.2 | 10621.2 | 250.0 | -47.6 | -59.9 | 289.4 | 33.8 | 29.1 | 17.2 | 332.3 | 333.3 | 99.9 | 245.1 | 99.9 | 99.9 |
| 39.3 | 98.3 | 11332.8 | 225.0 | -55.0 | -99.9 | 289.4 | 29.4 | 22.3 | 19.1 | 336.2 | 336.2 | 99.9 | 252.5 | 99.9 | 99.9 |
| 41.8 | 103.2 | 12044.7 | 200.0 | -61.1 | -99.9 | 281.9 | 34.0 | 30.0 | 18.0 | 336.1 | 336.1 | 99.9 | 260.1 | 99.9 | 99.9 |
| 44.4 | 109.0 | 12864.2 | 175.0 | -64.3 | -99.9 | 285.5 | 30.2 | 30.1 | 2.4 | 343.9 | 343.9 | 99.9 | 267.5 | 99.9 | 99.9 |
| 47.6 | 115.2 | 13803.4 | 150.0 | -64.3 | -99.9 | 286.5 | 27.6 | 27.0 | 1.7 | 354.9 | 354.9 | 99.9 | 275.1 | 99.9 | 99.9 |
| 51.4 | 122.3 | 14941.6 | 125.0 | -56.2 | -99.9 | 285.9 | 29.4 | 29.3 | 2.1 | 393.3 | 393.3 | 99.9 | 282.5 | 99.9 | 99.9 |
| 56.0 | 129.2 | 16345.7 | 100.0 | -56.8 | -99.9 | 286.4 | 23.7 | 23.7 | 0.1 | 414.1 | 414.1 | 99.9 | 290.1 | 99.9 | 99.9 |
| 61.8 | 137.3 | 18146.6 | 75.0 | -60.8 | -99.9 | 289.5 | 5.9 | 5.9 | 0.1 | 445.4 | 445.4 | 99.9 | 300.1 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 433
SALEM, ILL24 APRIL 1975
2033 GMT

159 240 0

| TIME MIN | CONTCT | WEIGHT GFM | PRES WG | TEMP DG C | CEM PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTD GM/KG | EM PCT | RANGE KM | AZ CG |
|-------------|--------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.5 | 175.0 | 991.0 | 20.7 | 14.4 | 110.0 | 3.1 | -2.9 | 1.1 | 296.0 | 323.6 | 10.5 | 67.0 | 0.0 | 0 |
| 00.9 | 50.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 6.5 | 315.6 | 975.0 | 19.3 | 11.2 | 208.0 | 1.3 | 0.6 | 1.2 | 295.7 | 318.7 | 8.6 | 55.5 | 0.1 | 2.4 |
| 1.2 | 8.9 | 539.5 | 950.0 | 17.3 | 10.9 | 196.3 | 0.4 | -0.4 | 0.1 | 295.9 | 318.9 | 8.7 | 66.3 | 0.1 | 2.4 |
| 2.1 | 10.8 | 765.9 | 925.0 | 15.4 | 10.7 | 20.4 | 1.1 | -0.4 | -1.0 | 296.2 | 318.6 | 8.4 | 70.2 | 0.1 | 2.4 |
| 2.8 | 13.0 | 967.8 | 900.0 | 13.9 | 8.0 | 12.2 | 3.3 | -0.7 | -3.2 | 296.8 | 317.1 | 7.5 | 67.8 | 0.1 | 2.4 |
| 3.6 | 15.2 | 1239.9 | 875.0 | 11.6 | 6.2 | 358.7 | 5.1 | 0.1 | -5.1 | 296.7 | 315.3 | 6.8 | 69.5 | 0.3 | 2.4 |
| 4.3 | 17.4 | 1477.2 | 850.0 | 11.0 | 4.8 | 323.9 | 5.1 | 3.0 | -4.1 | 298.5 | 315.9 | 6.4 | 65.6 | 0.5 | 1.3 |
| 5.2 | 19.7 | 1726.3 | 825.0 | 10.2 | 2.5 | 289.4 | 7.7 | 7.3 | -2.6 | 300.1 | 315.6 | 5.6 | 58.7 | 0.6 | 1.3 |
| 6.0 | 21.9 | 1962.1 | 800.0 | 9.8 | 0.7 | 278.9 | 12.0 | 12.5 | -2.0 | 302.3 | 316.6 | 5.1 | 53.1 | 1.0 | 1.3 |
| 6.9 | 24.3 | 2245.7 | 775.0 | 9.0 | -1.3 | 272.9 | 18.7 | 18.7 | -1.0 | 304.0 | 317.0 | 4.5 | 44.6 | 1.7 | 1.3 |
| 7.7 | 26.6 | 2517.1 | 750.0 | 8.6 | -6.7 | 271.3 | 21.9 | 21.9 | -0.9 | 306.3 | 315.5 | 3.1 | 33.0 | 2.7 | 1.3 |
| 8.4 | 28.1 | 2716.8 | 725.0 | 7.4 | -14.5 | 272.4 | 22.5 | 22.5 | -1.1 | 307.9 | 313.3 | 1.8 | 20.0 | 3.9 | 1.3 |
| 9.5 | 31.7 | 3094.6 | 700.0 | 5.4 | -16.8 | 274.4 | 23.7 | 23.6 | -1.8 | 309.1 | 313.7 | 1.5 | 17.9 | 5.2 | 1.3 |
| 10.0 | 34.3 | 3361.1 | 675.0 | 3.8 | -18.0 | 274.0 | 25.7 | 25.7 | -1.0 | 310.1 | 314.4 | 1.4 | 18.4 | 6.7 | 1.3 |
| 11.5 | 36.8 | 3686.1 | 650.0 | 1.0 | -20.2 | 274.3 | 25.4 | 25.4 | -1.9 | 310.2 | 314.0 | 1.2 | 18.7 | 8.2 | 1.3 |
| 12.5 | 39.6 | 3969.9 | 625.0 | -1.4 | -21.6 | 275.5 | 24.3 | 24.2 | -2.4 | 310.9 | 314.4 | 1.1 | 19.6 | 9.6 | 1.3 |
| 13.6 | 42.2 | 4323.4 | 600.0 | -4.2 | -23.1 | 276.7 | 24.4 | 24.2 | -2.9 | 311.3 | 314.5 | 1.0 | 21.2 | 11.1 | 1.3 |
| 14.4 | 45.1 | 4656.9 | 575.0 | -7.3 | -23.2 | 277.5 | 24.4 | 24.4 | -3.2 | 311.5 | 314.8 | 1.0 | 26.7 | 14.4 | 1.3 |
| 15.5 | 48.0 | 5011.3 | 550.0 | -9.7 | -22.0 | 276.7 | 25.9 | 25.6 | -3.9 | 312.7 | 314.5 | 1.2 | 35.5 | 16.3 | 1.3 |
| 16.7 | 50.3 | 5300.8 | 525.0 | -10.2 | -31.3 | 275.5 | 26.6 | 26.2 | -4.4 | 316.2 | 319.0 | 0.5 | 15.8 | 15.9 | 1.3 |
| 17.9 | 52.3 | 5734.3 | 500.0 | -12.8 | -36.9 | 275.3 | 30.2 | 30.0 | -2.8 | 317.4 | 318.5 | 0.3 | 11.1 | 17.9 | 1.3 |
| 19.3 | 57.0 | 6124.5 | 475.0 | -14.9 | -35.4 | 265.7 | 33.8 | 33.7 | 2.5 | 319.5 | 320.9 | 0.4 | 15.3 | 20.4 | 1.3 |
| 20.6 | 60.4 | 6531.0 | 450.0 | -16.5 | -36.2 | 264.0 | 34.8 | 34.6 | 3.6 | 320.0 | 321.3 | 0.4 | 19.1 | 23.3 | 1.3 |
| 22.0 | 64.0 | 6954.0 | 425.0 | -22.5 | -39.5 | 265.3 | 36.3 | 36.2 | 3.0 | 320.1 | 321.1 | 0.3 | 19.9 | 26.1 | 1.3 |
| 23.4 | 67.3 | 7395.8 | 400.0 | -26.4 | -39.5 | 263.7 | 35.2 | 34.9 | 4.3 | 320.7 | 321.9 | 0.3 | 31.4 | 29.1 | 1.3 |
| 24.7 | 70.9 | 7859.4 | 375.0 | -29.5 | -36.1 | 262.4 | 33.3 | 33.1 | 4.1 | 322.5 | 324.1 | 0.5 | 52.5 | 31.9 | 1.3 |
| 26.4 | 74.7 | 8248.3 | 350.0 | -33.2 | -40.0 | 268.9 | 38.5 | 38.5 | 0.8 | 323.9 | 325.1 | 0.3 | 49.9 | 35.1 | 1.3 |
| 28.0 | 78.9 | 8646.6 | 325.0 | -37.2 | -43.9 | 269.0 | 39.8 | 39.8 | 0.7 | 325.3 | 326.2 | 0.2 | 49.9 | 36.0 | 1.3 |
| 29.7 | 83.0 | 9411.9 | 300.0 | -40.7 | 99.9 | 266.9 | 41.1 | 41.0 | 2.3 | 325.7 | 326.9 | 99.9 | 99.9 | 47.3 | 1.3 |
| 31.7 | 87.2 | 9902.8 | 275.0 | -46.7 | 99.9 | 264.9 | 42.8 | 42.6 | 3.8 | 327.5 | 328.9 | 99.9 | 99.9 | 49.9 | 1.3 |
| 33.8 | 92.0 | 10621.1 | 250.0 | -51.0 | 99.9 | 266.8 | 40.5 | 40.4 | 2.3 | 330.2 | 330.9 | 99.9 | 99.9 | 53.2 | 1.3 |
| 36.2 | 97.0 | 11310.4 | 225.0 | -55.4 | 59.9 | 262.2 | 38.9 | 38.6 | 5.3 | 331.6 | 332.9 | 99.9 | 99.9 | 56.7 | 1.3 |
| 39.8 | 102.5 | 12043.5 | 200.0 | -60.2 | 59.9 | 254.3 | 39.3 | 37.8 | 10.6 | 337.4 | 338.9 | 99.9 | 99.9 | 65.0 | 1.3 |
| 43.6 | 108.5 | 12868.4 | 175.0 | -63.5 | 99.9 | 253.4 | 32.6 | 31.3 | 9.3 | 345.1 | 345.9 | 99.9 | 99.9 | 70.7 | 1.3 |
| 48.7 | 115.9 | 13824.5 | 150.0 | -68.2 | 59.9 | 267.7 | 30.3 | 30.3 | 1.2 | 369.7 | 369.9 | 99.9 | 99.9 | 77.7 | 1.3 |
| 48.8 | 122.7 | 14969.7 | 125.0 | -69.1 | 99.9 | 257.4 | 27.3 | 26.6 | 6.0 | 382.0 | 382.9 | 99.9 | 99.9 | 83.9 | 1.3 |
| 53.5 | 131.0 | 16268.5 | 100.0 | -57.6 | 99.9 | 263.0 | 17.9 | 17.4 | -4.0 | 416.5 | 416.9 | 99.9 | 99.9 | 92.5 | 1.3 |
| 58.4 | 140.5 | 18159.7 | 75.0 | -61.2 | 59.9 | 259.4 | 12.5 | 12.5 | 2.3 | 444.5 | 444.9 | 99.9 | 99.9 | 97.3 | 1.3 |
| 67.5 | 151.5 | 20459.6 | 50.0 | -57.2 | 99.9 | 262.1 | 1.7 | 1.7 | -0.4 | 508.7 | 508.9 | 99.9 | 99.9 | 101.3 | 1.3 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

ORIGINAL PAGE IS
OF POOR QUALITY* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
* BY PT SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS

STATION NO. 451
DODGE CITY, KAN24 APRIL 1975
2015 GMT

156 22. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MR | TEMP CG C | DEW PT CG C | DIR CG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO GM/HC | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 13.7 | 791.0 | 920.4 | 21.7 | 12.0 | 20.0 | 0.2 | -2.6 | -7.7 | 303.2 | 329.6 | 9.6 | 54.0 | 0.0 | 7. |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.3 | 99.3 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.4 | 13.7 | 924.1 | 906.0 | 17.9 | 9.9 | 20.3 | 11.2 | -3.9 | -10.5 | 301.1 | 324.4 | 8.5 | 55.4 | 0.5 | 19. |
| 1.8 | 18.1 | 1224.1 | 875.0 | 15.1 | 8.8 | 23.3 | 8.3 | -3.3 | -7.6 | 300.5 | 322.8 | 8.2 | 66.3 | 1.2 | 21. |
| 3.0 | 20.6 | 1469.4 | 850.0 | 13.3 | 9.4 | 28.1 | 9.9 | -4.7 | -8.7 | 301.2 | 325.0 | 8.7 | 77.2 | 1.7 | 20. |
| 3.3 | 23.2 | 1720.1 | 825.0 | 11.0 | 9.2 | 27.5 | 9.1 | -4.2 | -8.0 | 301.5 | 325.8 | 8.9 | 88.6 | 2.3 | 27. |
| 4.4 | 25.7 | 1576.9 | 800.0 | 9.4 | 8.4 | 45.9 | 5.5 | -4.2 | -3.6 | 302.3 | 326.1 | 8.7 | 93.1 | 2.7 | 20. |
| 5.7 | 28.3 | 2240.2 | 775.0 | 7.8 | 6.9 | 74.1 | 5.7 | -5.5 | -1.6 | 303.3 | 325.6 | 8.1 | 93.8 | 2.9 | 20. |
| 6.6 | 29.2 | 2510.3 | 750.0 | 5.8 | 3.2 | 121.6 | 1.9 | -1.7 | 1.0 | 303.8 | 322.3 | 6.6 | 84.6 | 3.0 | 21. |
| 7.8 | 30.3 | 2787.3 | 725.0 | 4.2 | -5.2 | 219.2 | 5.0 | 3.2 | 3.9 | 305.8 | 317.3 | 3.6 | 43.5 | 2.8 | 21. |
| 9.0 | 30.7 | 3074.0 | 700.0 | 4.3 | -22.8 | 226.3 | 7.1 | 5.1 | 4.9 | 307.4 | 310.2 | 0.9 | 11.7 | 2.4 | 21. |
| 9.9 | 30.6 | 3168.4 | 675.0 | 1.8 | -23.7 | 231.8 | 7.0 | 5.5 | 4.3 | 307.7 | 310.4 | 0.8 | 13.0 | 2.0 | 20. |
| 11.1 | 42.3 | 3071.4 | 650.0 | -0.4 | -24.5 | 254.4 | 7.4 | 7.1 | 2.0 | 308.6 | 311.2 | 0.8 | 14.0 | 1.4 | 12. |
| 12.3 | 45.3 | 3983.3 | 625.0 | -3.3 | -23.5 | 250.0 | 9.5 | 6.9 | 3.2 | 309.8 | 311.8 | 0.9 | 19.0 | 1.4 | 17. |
| 13.5 | 48.4 | 4304.6 | 600.0 | -5.8 | -21.5 | 252.1 | 9.7 | 9.2 | 3.0 | 309.6 | 313.2 | 1.1 | 27.6 | 1.3 | 14. |
| 14.9 | 51.4 | 4834.4 | 575.0 | -8.5 | -20.0 | 270.1 | 14.3 | 14.3 | -0.0 | 310.2 | 314.4 | 1.4 | 38.8 | 1.2 | 12. |
| 16.2 | 54.6 | 4974.6 | 550.0 | -11.1 | -23.8 | 264.2 | 11.3 | 11.6 | 1.8 | 310.9 | 313.7 | 0.9 | 28.7 | 3.2 | 10. |
| 17.6 | 57.9 | 5235.5 | 525.0 | -12.8 | -38.4 | 251.1 | 14.8 | 15.0 | 4.8 | 313.0 | 313.9 | 0.3 | 9.6 | 3.3 | 10. |
| 19.2 | 61.1 | 5705.8 | 400.0 | -15.4 | -37.5 | 257.9 | 17.6 | 17.2 | 3.7 | 315.3 | 315.3 | 0.3 | 13.0 | 5.3 | 7. |
| 20.6 | 64.6 | 6091.4 | 475.0 | -17.8 | -43.2 | 263.6 | 19.0 | 18.8 | 2.1 | 316.0 | 316.6 | 0.2 | 8.7 | 6.9 | 7. |
| 22.1 | 69.9 | 4593.5 | 450.0 | -21.0 | -48.0 | 263.5 | 18.8 | 18.7 | 2.1 | 316.8 | 317.2 | 0.1 | 6.7 | 8.5 | 4. |
| 23.5 | 71.4 | 6512.5 | 425.0 | -24.9 | -55.1 | 265.8 | 18.7 | 18.6 | 1.4 | 317.1 | 317.3 | 0.1 | 4.3 | 10.1 | 4. |
| 25.1 | 75.3 | 7350.1 | 400.0 | -28.5 | -68.2 | 268.3 | 19.1 | 19.1 | 0.6 | 317.9 | 317.9 | 0.0 | 1.0 | 11.7 | 4. |
| 26.7 | 79.3 | 7809.7 | 375.0 | -32.6 | -70.9 | 259.3 | 22.7 | 22.3 | 4.2 | 318.4 | 318.5 | 0.0 | 1.0 | 13.0 | 4. |
| 28.4 | 83.0 | 4292.2 | 350.0 | -35.5 | -72.4 | 253.5 | 29.4 | 28.2 | 6.4 | 320.8 | 320.8 | 0.0 | 1.1 | 16.4 | 5. |
| 30.3 | 87.2 | 6103.6 | 325.0 | -39.8 | 99.9 | 247.1 | 33.6 | 30.9 | 13.1 | 321.8 | 999.9 | 99.9 | 999.9 | 20.0 | 4. |
| 32.1 | 91.5 | 9346.0 | 300.0 | -43.9 | 99.9 | 244.9 | 37.8 | 34.2 | 16.1 | 323.5 | 999.9 | 99.9 | 999.9 | 23.0 | 4. |
| 34.3 | 95.2 | 9824.4 | 275.0 | -48.3 | 99.9 | 238.6 | 44.4 | 37.9 | 23.1 | 325.3 | 999.9 | 99.9 | 999.9 | 29.1 | 7. |
| 36.4 | 100.8 | 10549.7 | 250.0 | -52.2 | 99.9 | 244.8 | 49.2 | 44.5 | 20.9 | 328.4 | 999.9 | 99.9 | 999.9 | 34.6 | 7. |
| 38.8 | 106.2 | 11221.7 | 225.0 | -55.8 | 99.9 | 247.2 | 45.3 | 41.8 | 17.6 | 332.8 | 999.9 | 99.9 | 999.9 | 41.4 | 7. |
| 41.1 | 111.9 | 11567.7 | 200.0 | -57.2 | 99.9 | 246.5 | 46.0 | 42.1 | 18.3 | 342.2 | 999.9 | 99.9 | 999.9 | 47.3 | 7. |
| 43.9 | 117.8 | 12815.7 | 175.0 | -55.2 | 99.9 | 252.9 | 33.0 | 31.6 | 9.7 | 358.9 | 999.9 | 99.9 | 999.9 | 53.5 | 7. |
| 46.9 | 125.7 | 13752.9 | 150.0 | -56.4 | 99.9 | 259.0 | 32.6 | 30.1 | 6.2 | 372.9 | 999.9 | 99.9 | 999.9 | 59.3 | 7. |
| 50.3 | 131.7 | 14548.4 | 125.0 | -56.7 | 99.9 | 260.0 | 31.2 | 30.8 | 5.4 | 392.3 | 999.9 | 99.9 | 999.9 | 65.8 | 7. |
| 54.7 | 139.5 | 16362.9 | 100.0 | -57.7 | 99.9 | 241.4 | 21.7 | 19.1 | 10.4 | 416.2 | 999.9 | 99.9 | 999.9 | 72.2 | 7. |
| 60.1 | 147.5 | 19167.6 | 75.0 | -57.5 | 99.9 | 267.5 | 12.7 | 12.7 | 0.6 | 452.4 | 999.9 | 99.9 | 999.9 | 79.3 | 7. |
| 67.6 | 156.7 | 20715.4 | 50.0 | -56.1 | 99.9 | 281.0 | 8.9 | 8.8 | -1.7 | 511.3 | 999.9 | 99.9 | 999.9 | 93.6 | 7. |
| 80.0 | 166.7 | 25212.5 | 25.0 | -49.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 642.6 | 999.9 | 99.9 | 999.9 | 996.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 456
TOPEKA, KAN24 APRIL 1975
2050 GMT

| TIME MIN | CNTCT | WEIGHT GEM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT V DG K | E POT Y DG K | MR RTC CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0-0 | 6-4 | 264-0 | 978-5 | 20-6 | 18-4 | 20-0 | 2-6 | -0-9 | -2-4 | 297-4 | 333-4 | 13-7 | 87-9 | 0-9 | 0-0 |
| 0-9 | 96-3 | 58-9 | 1000-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 |
| 0-0 | 6-7 | 294-1 | 975-0 | 20-0 | 16-9 | 36-7 | 3-1 | -1-8 | -2-5 | 297-0 | 330-1 | 12-6 | 82-3 | 0-1 | 23-4 |
| 0-9 | 8-7 | 522-8 | 950-0 | 17-9 | 14-3 | 51-0 | 4-5 | -3-5 | -2-8 | 296-9 | 325-7 | 10-9 | 79-5 | 0-2 | 29-1 |
| 1-6 | 10-6 | 750-9 | 925-0 | 16-2 | 13-3 | 50-2 | 5-5 | -4-2 | -3-5 | 297-1 | 324-8 | 10-5 | 84-1 | 0-4 | 27-1 |
| 2-4 | 12-7 | 583-7 | 900-0 | 14-5 | 12-4 | 41-3 | 2-0 | -1-3 | -1-5 | 297-8 | 324-8 | 10-1 | 87-1 | 0-7 | 22-1 |
| 3-1 | 14-9 | 1222-5 | 875-0 | 14-3 | 11-1 | 292-6 | 0-9 | 0-9 | -0-3 | 299-9 | 325-6 | 9-6 | 81-4 | 0-7 | 22-1 |
| 3-9 | 16-9 | 1467-3 | 850-0 | 12-8 | 9-9 | 259-9 | 1-2 | 1-2 | 0-2 | 300-6 | 323-8 | 8-5 | 77-6 | 0-1 | 22-1 |
| 4-6 | 19-1 | 1718-1 | 825-0 | 11-7 | 7-3 | 271-7 | 2-9 | 2-9 | -0-1 | 302-0 | 323-5 | 7-8 | 74-1 | 0-4 | 21-1 |
| 5-4 | 21-1 | 1975-0 | 800-0 | 9-9 | 4-8 | 261-3 | 4-2 | 4-2 | 0-6 | 302-6 | 321-5 | 6-8 | 70-5 | 0-5 | 19-1 |
| 6-4 | 23-5 | 2234-9 | 775-0 | 8-8 | 3-0 | 236-3 | 3-6 | 3-0 | 2-3 | 304-1 | 321-3 | 6-1 | 66-7 | 0-4 | 19-1 |
| 7-4 | 25-7 | 2509-8 | 750-0 | 6-6 | 3-7 | 999-9 | 5-9 | 99-9 | 99-9 | 304-6 | 323-4 | 6-7 | 82-0 | 99-9 | 99-9 |
| 8-4 | 28-3 | 2747-9 | 725-0 | 5-4 | 2-1 | 999-9 | 99-9 | 99-9 | 99-9 | 306-2 | 323-7 | 6-2 | 79-6 | 99-9 | 99-9 |
| 9-3 | 30-3 | 3074-5 | 700-0 | 3-5 | 0-1 | 999-9 | 99-9 | 99-9 | 99-9 | 307-1 | 323-0 | 5-5 | 74-5 | 99-9 | 99-9 |
| 10-2 | 33-3 | 3364-9 | 675-0 | 1-2 | -2-1 | 227-9 | 13-0 | 9-7 | 8-7 | 307-6 | 321-5 | 4-8 | 77-4 | 2-3 | 5-1 |
| 11-1 | 35-5 | 3672-1 | 650-0 | -1-0 | -4-1 | 236-8 | 13-4 | 11-2 | 7-4 | 308-4 | 321-1 | 4-4 | 79-1 | 3-7 | 5-1 |
| 12-2 | 38-3 | 3981-9 | 625-0 | -3-4 | -5-3 | 241-2 | 15-7 | 13-8 | 7-6 | 309-1 | 321-5 | 4-2 | 88-6 | 3-7 | 5-1 |
| 13-3 | 40-6 | 4306-8 | 600-0 | -4-7 | -11-7 | 242-1 | 17-6 | 15-6 | 6-3 | 311-0 | 317-0 | 2-6 | 58-1 | 5-0 | 5-1 |
| 14-5 | 43-3 | 4640-1 | 575-0 | -7-4 | -17-6 | 245-4 | 18-9 | 17-2 | 7-9 | 311-5 | 316-7 | 1-7 | 43-6 | 6-4 | 6-1 |
| 15-7 | 46-2 | 4962-1 | 550-0 | -9-2 | -24-3 | 251-0 | 19-4 | 14-5 | 5-7 | 313-2 | 310-4 | 1-0 | 28-0 | 7-7 | 6-1 |
| 16-4 | 49-1 | 5343-2 | 525-0 | -11-6 | -25-5 | 251-9 | 20-5 | 14-5 | 6-4 | 314-6 | 317-6 | 0-9 | 30-4 | 9-7 | 5-1 |
| 17-3 | 52-0 | 5715-3 | 500-0 | -14-3 | -22-8 | 245-8 | 20-6 | 14-8 | 8-4 | 315-7 | 319-6 | 1-2 | 42-1 | 10-5 | 6-4 |
| 18-2 | 55-1 | 6102-4 | 475-0 | -17-0 | -27-2 | 239-8 | 17-9 | 15-5 | 9-0 | 316-9 | 319-8 | 0-9 | 40-9 | 11-0 | 6-4 |
| 19-5 | 58-1 | 6505-9 | 450-0 | -20-3 | -31-0 | 242-1 | 19-0 | 14-8 | 8-4 | 317-7 | 319-7 | 0-6 | 24-0 | 13-1 | 6-1 |
| 21-0 | 61-5 | 6926-8 | 425-0 | -23-5 | -31-7 | 246-6 | 21-4 | 21-5 | 9-3 | 318-9 | 321-0 | 0-6 | 44-8 | 15-3 | 6-4 |
| 23-4 | 65-0 | 7366-9 | 400-0 | -27-2 | -34-0 | 246-4 | 25-9 | 23-4 | 11-2 | 319-6 | 321-4 | 0-5 | 52-2 | 17-4 | 6-4 |
| 25-0 | 68-4 | 7829-6 | 375-0 | -30-2 | -36-4 | 243-9 | 28-6 | 25-7 | 12-6 | 321-6 | 321-1 | 0-4 | 54-1 | 19-4 | 6-4 |
| 26-5 | 72-0 | 8314-2 | 350-0 | -34-7 | -39-6 | 247-0 | 32-4 | 29-8 | 12-7 | 321-9 | 323-2 | 0-3 | 60-6 | 22-5 | 6-4 |
| 28-2 | 76-3 | 8825-7 | 325-0 | -38-6 | -41-4 | 248-8 | 38-5 | 35-4 | 15-2 | 323-4 | 324-5 | 0-3 | 74-8 | 26-1 | 6-4 |
| 29-9 | 80-1 | 9374-7 | 300-0 | -43-2 | -49-9 | 248-4 | 43-1 | 40-1 | 15-9 | 324-4 | 327-9 | 99-9 | 99-9 | 30-2 | 6-1 |
| 31-6 | 84-3 | 9655-0 | 275-0 | -47-8 | -59-7 | 248-4 | 48-5 | 41-5 | 16-3 | 326-0 | 329-9 | 99-9 | 99-9 | 34-4 | 6-1 |
| 33-0 | 88-9 | 10574-4 | 250-0 | -52-2 | -69-9 | 249-9 | 47-8 | 44-9 | 16-5 | 326-9 | 329-9 | 99-9 | 99-9 | 40-5 | 6-1 |
| 34-0 | 93-9 | 11247-6 | 225-0 | -56-6 | -69-9 | 99-9 | 99-9 | 99-9 | 99-9 | 331-8 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 |
| 35-9 | 96-9 | 59-9 | 200-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 |
| 36-9 | 99-9 | 59-9 | 175-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 |
| 37-9 | 99-9 | 59-9 | 150-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 |
| 38-9 | 99-9 | 59-9 | 125-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 |
| 39-9 | 99-9 | 59-9 | 100-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 |
| 40-9 | 99-9 | 59-9 | 75-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 |
| 41-9 | 99-9 | 59-9 | 50-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 |
| 42-9 | 99-9 | 59-9 | 25-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 486
FORT TOTTEN, N Y

24 APRIL 1975
2015 GMT

| TIME MIN | CNTCT | HEIGHT GCM | PHES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX WTO GPM/G | RH PCY | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.0 | P.0 | 1000.5 | 10.6 | 14.2 | 099.9 | 99.9 | 99.9 | 99.9 | 290.3 | 316.6 | 10.2 | 86.9 | 999.5 | 959. |
| 0.3 | 5.6 | 89.2 | 1000.0 | 10.9 | 15.0 | 099.9 | 99.9 | 99.9 | 99.9 | 291.5 | 319.4 | 10.8 | 86.0 | 999.7 | 959. |
| 1.1 | 7.7 | 300.9 | 975.0 | 15.4 | 14.3 | 099.9 | 99.9 | 99.9 | 99.9 | 292.1 | 319.6 | 10.6 | 93.2 | 999.9 | 959. |
| 2.3 | 6.3 | 525.2 | 950.0 | 13.9 | 12.9 | 099.9 | 99.9 | 99.9 | 99.9 | 292.6 | 318.5 | 9.9 | 94.0 | 999.3 | 959. |
| 2.9 | 11.8 | 756.7 | 925.0 | 13.8 | 12.4 | 099.9 | 99.9 | 99.9 | 99.9 | 294.7 | 320.5 | 9.8 | 91.1 | 999.9 | 959. |
| 3.6 | 14.2 | 982.0 | 900.0 | 12.6 | 11.1 | 099.9 | 99.9 | 99.9 | 99.9 | 295.0 | 320.5 | 9.3 | 90.6 | 999.9 | 959. |
| 4.3 | 16.3 | 1218.4 | 875.0 | 11.1 | 10.0 | 099.9 | 99.9 | 99.9 | 99.9 | 296.5 | 320.2 | 4.9 | 92.6 | 999.5 | 959. |
| 5.1 | 18.6 | 1466.6 | 850.0 | 10.6 | 9.1 | 099.9 | 99.9 | 99.9 | 99.9 | 297.8 | 320.8 | 8.8 | 94.0 | 999.9 | 959. |
| 6.0 | 20.9 | 1708.9 | 825.0 | 8.9 | 8.1 | 099.9 | 99.9 | 99.9 | 99.9 | 299.1 | 321.5 | 8.3 | 94.4 | 999.5 | 959. |
| 6.4 | 23.3 | 1953.8 | 800.0 | 7.5 | 6.6 | 099.9 | 99.9 | 99.9 | 99.9 | 300.1 | 321.5 | 7.7 | 94.3 | 999.3 | 959. |
| 7.0 | 25.7 | 2225.2 | 775.0 | 5.8 | 4.8 | 099.9 | 99.9 | 99.9 | 99.9 | 301.0 | 320.2 | 7.0 | 93.3 | 999.3 | 959. |
| 8.0 | 28.2 | 2493.3 | 750.0 | 4.1 | 3.1 | 099.9 | 99.9 | 99.9 | 99.9 | 301.8 | 319.6 | 6.4 | 93.1 | 999.5 | 959. |
| 8.4 | 30.7 | 2765.9 | 725.0 | 2.6 | 0.8 | 099.9 | 99.9 | 99.9 | 99.9 | 303.1 | 319.9 | 5.6 | 87.7 | 999.9 | 959. |
| 10.0 | 33.3 | 3052.4 | 700.0 | 1.0 | -3.5 | 099.9 | 99.9 | 99.9 | 99.9 | 304.2 | 316.3 | 4.2 | 71.9 | 999.5 | 959. |
| 11.0 | 35.4 | 3244.8 | 675.0 | 0.2 | -3.1 | 099.9 | 99.9 | 99.9 | 99.9 | 306.4 | 319.5 | 4.5 | 78.6 | 999.9 | 959. |
| 12.9 | 38.6 | 3648.7 | 650.0 | -1.6 | -5.4 | 099.9 | 99.9 | 99.9 | 99.9 | 307.7 | 319.2 | 3.9 | 75.0 | 999.9 | 959. |
| 14.1 | 41.3 | 3950.2 | 625.0 | -3.4 | -8.8 | 099.9 | 99.9 | 99.9 | 99.9 | 308.9 | 318.3 | 3.3 | 66.3 | 999.5 | 959. |
| 15.1 | 44.1 | 4280.1 | 600.0 | -6.7 | -15.7 | 099.9 | 99.9 | 99.9 | 99.9 | 310.9 | 316.7 | 1.9 | 41.9 | 999.3 | 959. |
| 16.2 | 47.1 | 4614.1 | 575.0 | -6.9 | -9.4 | 099.9 | 99.9 | 99.9 | 99.9 | 312.3 | 322.2 | 3.3 | 81.9 | 999.3 | 959. |
| 17.3 | 50.2 | 4968.4 | 550.0 | -8.3 | -24.0 | 099.9 | 99.9 | 99.9 | 99.9 | 314.6 | 319.4 | 1.6 | 42.2 | 999.3 | 959. |
| 18.6 | 53.3 | 5319.6 | 525.0 | -11.0 | -31.0 | 099.9 | 99.9 | 99.9 | 99.9 | 315.2 | 315.4 | 0.1 | 1.6 | 999.3 | 959. |
| 19.9 | 56.3 | 5652.4 | 500.0 | -13.8 | -35.5 | 099.9 | 99.9 | 99.9 | 99.9 | 316.2 | 317.0 | 0.2 | 8.4 | 999.3 | 959. |
| 21.3 | 59.6 | 6081.6 | 475.0 | -14.6 | -37.0 | 099.9 | 99.9 | 99.9 | 99.9 | 319.8 | 321.1 | 0.4 | 13.9 | 999.3 | 959. |
| 22.9 | 63.1 | 6495.5 | 450.0 | -17.6 | -31.6 | 099.9 | 99.9 | 99.9 | 99.9 | 320.9 | 322.9 | 0.6 | 28.7 | 999.9 | 959. |
| 24.3 | 66.6 | 6913.4 | 425.0 | -20.9 | -29.4 | 099.9 | 99.9 | 99.9 | 99.9 | 322.2 | 324.9 | 0.8 | 45.9 | 999.9 | 959. |
| 25.8 | 70.3 | 7356.9 | 400.0 | -24.2 | -30.7 | 099.9 | 99.9 | 99.9 | 99.9 | 323.6 | 326.1 | 0.7 | 54.5 | 999.9 | 959. |
| 27.4 | 74.0 | 7825.7 | 375.0 | -28.1 | -34.7 | 099.9 | 99.9 | 99.9 | 99.9 | 324.4 | 326.3 | 0.5 | 53.0 | 999.9 | 959. |
| 29.1 | 78.2 | 8216.9 | 350.0 | -32.2 | -38.6 | 099.9 | 99.9 | 99.9 | 99.9 | 325.3 | 326.7 | 0.4 | 52.6 | 999.3 | 959. |
| 30.9 | 82.2 | 8636.0 | 325.0 | -35.6 | -42.7 | 099.9 | 99.9 | 99.9 | 99.9 | 327.6 | 328.6 | 0.3 | 47.6 | 999.3 | 959. |
| 32.6 | 86.6 | 9074.6 | 300.0 | -40.2 | -49.7 | 099.9 | 99.9 | 99.9 | 99.9 | 328.7 | 329.9 | 99.9 | 99.9 | 999.3 | 959. |
| 34.6 | 91.4 | 9574.2 | 275.0 | -43.6 | -54.9 | 099.9 | 99.9 | 99.9 | 99.9 | 329.2 | 329.9 | 99.9 | 99.9 | 999.3 | 959. |
| 36.7 | 96.3 | 10001.8 | 250.0 | -51.1 | -59.9 | 099.9 | 99.9 | 99.9 | 99.9 | 330.1 | 329.9 | 99.9 | 99.9 | 999.3 | 959. |
| 38.9 | 101.3 | 11277.1 | 225.0 | -57.5 | -69.9 | 099.9 | 99.9 | 99.9 | 99.9 | 330.4 | 329.9 | 99.9 | 99.9 | 999.3 | 959. |
| 41.3 | 107.3 | 12310.3 | 200.0 | -63.6 | -79.9 | 099.9 | 99.9 | 99.9 | 99.9 | 332.0 | 329.9 | 99.9 | 99.9 | 999.3 | 959. |
| 43.9 | 113.3 | 12823.3 | 175.0 | -67.7 | -89.9 | 099.9 | 99.9 | 99.9 | 99.9 | 338.2 | 329.9 | 99.9 | 99.9 | 999.3 | 959. |
| 47.1 | 120.9 | 13753.9 | 150.0 | -72.6 | -99.9 | 099.9 | 99.9 | 99.9 | 99.9 | 341.9 | 329.9 | 99.9 | 99.9 | 999.3 | 959. |
| 51.0 | 127.3 | 14692.6 | 125.0 | -78.5 | -99.9 | 099.9 | 99.9 | 99.9 | 99.9 | 349.2 | 329.9 | 99.9 | 99.9 | 999.3 | 959. |
| 55.0 | 135.3 | 16304.5 | 100.0 | -87.4 | -99.9 | 099.9 | 99.9 | 99.9 | 99.9 | 416.5 | 329.9 | 99.9 | 99.9 | 999.3 | 959. |
| 61.3 | 142.7 | 18112.0 | 75.0 | -90.7 | -99.9 | 099.9 | 99.9 | 99.9 | 99.9 | 445.8 | 329.9 | 99.9 | 99.9 | 999.3 | 959. |
| 69.1 | 151.0 | 20654.3 | 50.0 | -97.2 | -99.9 | 099.9 | 99.9 | 99.9 | 99.9 | 508.8 | 329.9 | 99.9 | 99.9 | 999.3 | 959. |
| 80.5 | 159.3 | 23104.2 | 25.0 | -91.7 | -99.9 | 099.9 | 99.9 | 99.9 | 99.9 | 636.6 | 329.9 | 99.9 | 99.9 | 999.3 | 959. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 518
ALBANY, N. Y.24 APRIL 1975
2015 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

156 15. 1

| TIME MIN | CHCT | WEIGHT GPA | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MR RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.5 | 86.0 | 999.5 | 13.7 | 12.4 | 170.0 | 5.2 | -0.9 | 5.1 | 288.1 | 311.5 | 9.1 | 92.0 | 0.0 | 0 |
| 99.0 | 99.3 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.6 | 7.1 | 265.0 | 975.0 | 13.4 | 11.9 | 216.0 | 3.4 | 2.0 | 2.8 | 265.0 | 313.2 | 9.0 | 90.8 | 0.5 | 359 |
| 1.6 | 5.3 | 515.2 | 950.0 | 13.7 | 11.2 | 209.1 | 6.5 | 4.1 | 7.5 | 292.3 | 315.4 | 8.8 | 90.7 | 0.9 | 4 |
| 2.4 | 11.2 | 730.7 | 925.0 | 11.8 | 10.0 | 256.5 | 10.6 | 10.3 | 2.5 | 292.5 | 314.4 | 8.4 | 88.6 | 1.1 | 24 |
| 3.7 | 13.2 | 969.1 | 900.0 | 10.9 | 9.3 | 266.9 | 11.8 | 11.3 | 0.6 | 293.8 | 315.5 | 8.2 | 90.1 | 1.5 | 41 |
| 4.1 | 15.2 | 1204.2 | 875.0 | 5.7 | 8.2 | 269.3 | 11.8 | 11.9 | 0.3 | 294.9 | 315.7 | 7.8 | 90.3 | 2.3 | 57 |
| 5.3 | 17.3 | 1444.7 | 850.0 | 8.0 | 6.5 | 271.6 | 9.9 | 9.9 | -0.3 | 295.5 | 314.7 | 7.2 | 90.0 | 2.5 | 64 |
| 5.9 | 17.3 | 1444.7 | 825.0 | 6.4 | 5.2 | 272.3 | 7.9 | 7.9 | -0.3 | 296.2 | 314.3 | 6.7 | 90.7 | 3.0 | 54 |
| 6.8 | 21.3 | 1642.8 | 800.0 | 4.4 | 3.0 | 269.8 | 6.5 | 6.5 | 0.0 | 296.6 | 312.9 | 6.0 | 90.6 | 3.3 | 71 |
| 7.4 | 23.6 | 2201.3 | 775.0 | 2.7 | 1.4 | 261.8 | 6.3 | 6.2 | 1.2 | 297.4 | 312.5 | 5.5 | 90.8 | 3.7 | 73 |
| 8.8 | 25.6 | 2866.0 | 750.0 | 1.4 | 0.0 | 261.5 | 9.2 | 9.1 | 1.4 | 298.0 | 313.0 | 5.1 | 90.1 | 4.3 | 74 |
| 9.7 | 26.3 | 2739.5 | 725.0 | 1.2 | -0.7 | 267.7 | 9.5 | 9.5 | 0.4 | 301.4 | 315.5 | 5.0 | 87.2 | 4.9 | 71 |
| 10.7 | 30.7 | 3022.0 | 700.0 | 0.4 | -2.4 | 275.5 | 11.2 | 11.2 | -1.1 | 303.5 | 316.6 | 4.6 | 81.7 | 5.3 | 77 |
| 11.7 | 32.2 | 3312.9 | 675.0 | -1.7 | -3.3 | 274.4 | 13.7 | 13.6 | -1.1 | 304.3 | 317.0 | 4.5 | 89.3 | 6.1 | 72 |
| 12.7 | 35.5 | 3612.9 | 650.0 | -3.5 | -4.9 | 272.2 | 15.6 | 15.6 | -0.6 | 305.6 | 317.4 | 4.1 | 85.7 | 6.4 | 81 |
| 13.7 | 38.2 | 3922.2 | 625.0 | -5.4 | -6.8 | 269.9 | 17.8 | 17.8 | 0.0 | 306.8 | 317.6 | 3.7 | 89.9 | 7.0 | 82 |
| 14.7 | 40.7 | 4242.9 | 600.0 | -6.2 | -7.5 | 266.3 | 19.8 | 19.4 | 0.6 | 309.4 | 320.2 | 3.6 | 90.4 | 9.0 | 83 |
| 15.9 | 43.4 | 4575.7 | 575.0 | -7.5 | -8.0 | 268.3 | 21.3 | 21.3 | 0.6 | 311.6 | 321.9 | 3.4 | 90.3 | 10.4 | 84 |
| 16.9 | 46.3 | 4920.9 | 550.0 | -9.4 | -10.8 | 268.4 | 22.0 | 22.0 | 0.5 | 313.3 | 322.5 | 3.0 | 89.5 | 11.9 | 84 |
| 18.0 | 49.2 | 5278.7 | 525.0 | -13.0 | -15.1 | 272.1 | 21.8 | 21.4 | -0.8 | 313.1 | 320.1 | 2.3 | 83.8 | 13.3 | 85 |
| 19.1 | 52.0 | 5648.4 | 500.0 | -16.0 | -17.3 | 275.1 | 24.1 | 24.0 | -2.1 | 313.5 | 316.2 | 0.6 | 37.2 | 15.0 | 90 |
| 20.5 | 55.2 | 6031.5 | 475.0 | -20.0 | -20.2 | 273.2 | 28.6 | 28.5 | -1.6 | 313.2 | 313.4 | 0.0 | 2.5 | 16.9 | 97 |
| 21.4 | 56.3 | 6431.1 | 450.0 | -21.8 | -21.3 | 272.5 | 33.0 | 33.0 | -1.4 | 315.8 | 316.1 | 0.1 | 4.9 | 19.5 | 98 |
| 23.4 | 61.5 | 6850.6 | 425.0 | -23.6 | -22.3 | 268.7 | 32.6 | 32.6 | 0.7 | 318.7 | 318.9 | 0.1 | 7.1 | 22.3 | 91 |
| 25.3 | 65.1 | 7231.7 | 400.0 | -25.9 | -23.7 | 269.8 | 32.2 | 32.2 | 0.1 | 321.2 | 321.4 | 0.1 | 5.3 | 25.5 | 91 |
| 26.6 | 68.5 | 7566.5 | 375.0 | -28.7 | -25.3 | 282.5 | 30.7 | 29.9 | -0.7 | 323.5 | 323.7 | 0.1 | 5.6 | 28.5 | 99 |
| 28.2 | 72.0 | 8246.4 | 350.0 | -32.6 | -32.9 | 283.9 | 35.0 | 34.0 | -0.4 | 324.7 | 325.0 | 0.1 | 11.1 | 31.6 | 90 |
| 30.0 | 74.3 | 8764.5 | 325.0 | -34.3 | -37.5 | 280.4 | 41.9 | 41.2 | -7.3 | 326.0 | 327.1 | 0.2 | 30.0 | 35.7 | 92 |
| 31.9 | 80.3 | 9317.9 | 300.0 | -41.1 | 99.9 | 281.5 | 47.1 | 46.1 | -9.4 | 327.4 | 999.9 | 99.9 | 999.9 | 40.8 | 93 |
| 33.9 | 84.2 | 9800.0 | 275.0 | -45.9 | 99.9 | 275.7 | 49.0 | 48.3 | -8.2 | 328.7 | 999.9 | 99.9 | 999.9 | 46.4 | 94 |
| 36.8 | 90.2 | 12555.6 | 250.0 | -51.3 | 59.9 | 285.6 | 48.7 | 47.5 | -10.5 | 329.7 | 999.9 | 99.9 | 999.9 | 52.5 | 95 |
| 38.3 | 94.2 | 11201.6 | 225.0 | -54.8 | 99.9 | 278.7 | 63.0 | 62.3 | -9.3 | 331.4 | 999.9 | 99.9 | 999.9 | 60.3 | 95 |
| 40.7 | 99.3 | 11937.2 | 200.0 | -63.1 | 99.9 | 280.0 | 66.5 | 65.5 | -11.6 | 322.5 | 999.9 | 99.9 | 999.9 | 69.1 | 96 |
| 43.6 | 105.0 | 12748.6 | 175.0 | -67.9 | 59.9 | 285.4 | 61.7 | 60.2 | -11.0 | 337.9 | 999.9 | 99.9 | 999.9 | 78.2 | 97 |
| 47.0 | 111.3 | 13697.5 | 150.0 | -59.6 | 99.9 | 277.3 | 43.6 | 43.2 | -5.5 | 337.4 | 999.9 | 99.9 | 999.9 | 86.0 | 97 |
| 50.8 | 119.2 | 14851.6 | 125.0 | -54.6 | 99.9 | | 33.9 | 31.6 | -12.3 | 396.2 | 999.9 | 99.9 | 999.9 | 94.9 | 97 |
| 56.1 | 126.3 | 16270.8 | 100.0 | -53.3 | 99.9 | | 11.8 | 11.7 | -1.7 | 421.0 | 999.9 | 99.9 | 999.9 | 101.4 | 98 |
| 62.4 | 135.7 | 19101.2 | 75.0 | -59.2 | 99.9 | | 4.6 | 18.1 | -7.4 | 448.8 | 999.9 | 99.9 | 999.9 | 108.8 | 98 |
| 70.9 | 145.0 | 20672.7 | 50.0 | -50.0 | 99.9 | | 3.0 | 2.2 | -2.4 | 511.5 | 999.9 | 99.9 | 999.9 | 133.9 | 100 |
| 84.3 | 155.7 | 23146.3 | 25.0 | -50.2 | 99.9 | 43.0 | 1.8 | -2.6 | -2.8 | 600.9 | 999.9 | 99.9 | 999.9 | 150.6 | 100 |

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 520
PITTSBURGH, PA24 APRIL 1975
2200 GMT

| TIME MIN | CATCT | WEIGHT GFM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | FDY T DEG K | E POT T DEG K | MR MTD GM/KG | RM PCT | RANGE NM | A7 DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 0.0 | 359.0 | 906.8 | 15.8 | 16.3 | 260.0 | 4.2 | 4.1 | 0.7 | 296.4 | 326.1 | 12.2 | 97.0 | 0.0 | C. |
| 00.0 | 00.0 | 49.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.5 | 0.7 | 508.5 | 950.0 | 15.4 | 14.3 | 260.4 | 9.1 | 0.0 | -2.3 | 294.2 | 322.6 | 10.9 | 93.1 | 0.3 | 74. |
| 1.3 | 11.8 | 734.7 | 925.0 | 13.6 | 12.0 | 263.1 | 9.3 | 9.1 | -2.1 | 290.4 | 319.0 | 9.6 | 90.0 | 0.7 | 94. |
| 2.1 | 16.1 | 685.6 | 909.0 | 12.2 | 11.6 | 272.9 | 8.0 | 0.0 | -0.3 | 295.3 | 320.7 | 9.6 | 90.0 | 1.1 | 94. |
| 2.9 | 16.1 | 1202.0 | 875.0 | 11.2 | 10.5 | 266.8 | 7.9 | 7.9 | 0.4 | 296.6 | 321.1 | 9.2 | 95.9 | 1.5 | 74. |
| 4.0 | 16.5 | 1442.9 | 850.0 | 9.2 | 8.4 | 274.0 | 7.3 | 7.2 | -0.6 | 296.9 | 319.1 | 8.3 | 95.6 | 1.9 | 94. |
| 4.9 | 20.5 | 1491.1 | 825.0 | 7.1 | 5.6 | 283.5 | 7.6 | 7.4 | -1.8 | 297.0 | 315.8 | 7.0 | 98.5 | 2.3 | 94. |
| 5.5 | 22.9 | 1944.4 | 800.0 | 6.6 | 3.9 | 273.0 | 10.4 | 10.3 | -0.5 | 299.1 | 319.1 | 7.3 | 95.3 | 2.9 | 95. |
| 6.7 | 25.2 | 2285.3 | 775.0 | 5.5 | 4.8 | 273.5 | 12.9 | 12.9 | -0.8 | 300.6 | 319.2 | 7.0 | 95.3 | 3.4 | 94. |
| 7.7 | 27.5 | 2473.2 | 750.0 | 3.0 | 3.0 | 277.4 | 14.5 | 10.4 | -3.1 | 301.5 | 319.4 | 6.4 | 94.8 | 4.3 | 95. |
| 8.5 | 30.7 | 2748.3 | 725.0 | 2.4 | 1.7 | 273.6 | 16.0 | 17.9 | -1.1 | 302.9 | 319.7 | 6.0 | 95.1 | 5.3 | 95. |
| 9.7 | 32.6 | 3031.7 | 700.0 | 0.6 | -0.1 | 267.3 | 16.6 | 18.6 | 0.0 | 303.8 | 319.2 | 5.4 | 94.9 | 5.4 | 94. |
| 10.4 | 35.2 | 3223.6 | 675.0 | -0.5 | -1.2 | 995.9 | 99.9 | 99.9 | 99.9 | 307.0 | 320.5 | 5.2 | 94.4 | 999.9 | 999.9 |
| 12.0 | 37.7 | 3425.0 | 650.0 | -2.3 | -3.1 | 995.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 4.7 | 94.0 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 625.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 600.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 575.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 550.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 525.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 500.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 475.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 450.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 425.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 400.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 528
BUFFALO, N Y24 APRIL 1975
2026 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | CIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT Y DG K | E POT Y DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.9 | 218.9 | 584.1 | 11.7 | 10.6 | 20.0 | 3.1 | -1.1 | -2.9 | 287.2 | 308.3 | 8.2 | 93.0 | 0.0 | 0 |
| 99.9 | 99.9 | 1030.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 6.7 | 295.8 | 975.0 | 10.8 | 8.4 | 356.0 | 4.0 | 0.3 | -4.0 | 286.9 | 305.4 | 7.1 | 85.1 | 0.1 | 17.7 |
| 1.2 | 6.9 | 512.0 | 950.0 | 8.6 | 6.0 | 339.1 | 4.1 | 1.5 | -3.8 | 287.1 | 305.5 | 7.1 | 94.6 | 0.2 | 14.1 |
| 1.9 | 10.6 | 732.9 | 925.0 | 8.6 | 7.9 | 292.3 | 6.1 | 5.6 | -2.3 | 289.1 | 308.1 | 7.3 | 95.4 | 0.4 | 14.4 |
| 2.7 | 12.7 | 900.4 | 906.0 | 9.0 | 8.3 | 278.1 | 9.4 | 9.4 | -0.7 | 291.8 | 312.0 | 7.7 | 95.5 | 0.6 | 12.4 |
| 3.4 | 14.8 | 1193.7 | 875.0 | 8.0 | 7.4 | 282.5 | 11.6 | 11.4 | -2.5 | 293.1 | 312.7 | 7.4 | 95.4 | 1.1 | 11.6 |
| 4.3 | 16.8 | 1432.2 | 850.0 | 7.4 | 6.7 | 272.1 | 12.8 | 12.7 | -0.5 | 294.8 | 314.3 | 7.3 | 95.1 | 1.7 | 10.7 |
| 5.1 | 19.1 | 1675.2 | 825.0 | 6.4 | 5.6 | 266.5 | 12.0 | 11.9 | 0.7 | 296.3 | 315.0 | 6.9 | 94.4 | 2.3 | 10.3 |
| 5.9 | 21.1 | 1931.7 | 800.0 | 5.5 | 2.4 | 276.9 | 11.0 | 11.0 | -1.3 | 297.7 | 313.4 | 5.7 | 80.4 | 2.8 | 12.1 |
| 6.8 | 23.5 | 2190.9 | 775.0 | 4.1 | -0.2 | 282.1 | 12.1 | 11.9 | -2.5 | 298.9 | 312.5 | 4.9 | 73.3 | 3.5 | 10.1 |
| 7.7 | 25.6 | 2457.7 | 750.0 | 2.9 | 0.5 | 283.9 | 12.4 | 12.0 | -3.0 | 300.4 | 315.3 | 5.3 | 84.3 | 4.1 | 10.1 |
| 8.7 | 27.9 | 2731.6 | 725.0 | 1.3 | -1.2 | 283.0 | 12.6 | 12.3 | -2.9 | 301.5 | 315.2 | 4.9 | 83.8 | 4.4 | 11.4 |
| 9.7 | 30.4 | 3013.7 | 700.0 | -0.4 | -4.9 | 280.5 | 12.4 | 12.2 | -2.3 | 302.5 | 313.4 | 3.8 | 71.5 | 5.6 | 10.7 |
| 10.6 | 32.9 | 3304.1 | 675.0 | -1.9 | -6.5 | 278.0 | 12.4 | 12.3 | -1.7 | 304.0 | 314.1 | 3.5 | 70.8 | 6.1 | 10.1 |
| 11.7 | 35.4 | 3603.6 | 650.0 | -3.9 | -13.2 | 272.3 | 12.7 | 12.7 | -0.5 | 304.8 | 311.4 | 2.2 | 69.7 | 7.1 | 10.1 |
| 12.7 | 37.9 | 3912.7 | 625.0 | -4.0 | -35.9 | 271.9 | 12.4 | 12.4 | -0.4 | 307.9 | 304.8 | 0.3 | 6.2 | 7.3 | 10.7 |
| 13.9 | 40.5 | 4233.5 | 600.0 | -6.3 | -37.3 | 281.2 | 12.8 | 12.5 | -2.5 | 308.2 | 304.7 | 0.3 | 6.4 | 8.7 | 9.9 |
| 14.9 | 43.1 | 4564.6 | 575.0 | -8.5 | -38.7 | 280.2 | 13.8 | 13.6 | -2.4 | 309.7 | 310.5 | 0.2 | 6.7 | 9.6 | 10.7 |
| 16.2 | 46.0 | 4806.8 | 550.0 | -11.9 | -40.6 | 269.6 | 13.6 | 13.6 | 0.1 | 310.0 | 310.7 | 0.2 | 7.0 | 10.6 | 7.7 |
| 17.4 | 48.9 | 5261.5 | 525.0 | -13.8 | -41.9 | 267.4 | 14.3 | 14.3 | 0.7 | 311.8 | 312.4 | 0.2 | 7.2 | 11.7 | 9.9 |
| 18.3 | 51.7 | 5631.1 | 500.0 | -15.7 | -43.1 | 253.7 | 17.0 | 16.5 | 4.2 | 313.8 | 314.4 | 0.2 | 7.4 | 12.8 | 9.7 |
| 20.2 | 54.8 | 6016.8 | 475.0 | -17.0 | -43.9 | 253.6 | 20.9 | 20.0 | 5.9 | 316.9 | 317.5 | 0.2 | 7.5 | 14.3 | 9.4 |
| 21.6 | 57.9 | 6420.6 | 450.0 | -19.4 | -45.5 | 257.1 | 20.8 | 20.2 | 4.7 | 318.8 | 319.3 | 0.1 | 7.8 | 16.0 | 9.2 |
| 23.1 | 61.1 | 6843.5 | 425.0 | -22.0 | -47.1 | 255.3 | 18.3 | 17.7 | 4.6 | 320.2 | 321.3 | 0.1 | 8.1 | 17.7 | 9.1 |
| 24.7 | 64.5 | 7286.4 | 400.0 | -25.9 | -49.8 | 255.4 | 18.5 | 17.9 | 4.5 | 321.3 | 321.7 | 0.1 | 8.5 | 19.1 | 8.9 |
| 26.4 | 68.0 | 7749.8 | 375.0 | -30.2 | -47.1 | 250.2 | 19.3 | 18.1 | 6.5 | 321.6 | 322.1 | 0.1 | 17.2 | 21.1 | 8.4 |
| 27.9 | 71.4 | 8237.9 | 350.0 | -33.2 | -35.5 | 258.3 | 26.5 | 25.9 | 5.4 | 323.9 | 325.8 | 0.5 | 78.2 | 23.1 | 8.4 |
| 29.5 | 75.3 | 8755.4 | 325.0 | -36.6 | -42.7 | 267.7 | 32.8 | 32.9 | 1.3 | 326.2 | 327.1 | 0.3 | 52.7 | 26.1 | 8.7 |
| 31.4 | 79.5 | 9305.7 | 300.0 | -40.1 | 59.9 | 268.8 | 38.1 | 37.9 | 3.5 | 328.8 | 329.9 | 0.9 | 99.9 | 30.1 | 8.7 |
| 33.1 | 83.7 | 9853.5 | 275.0 | -45.2 | 99.9 | 263.4 | 42.6 | 42.4 | 4.6 | 329.8 | 329.9 | 0.9 | 99.9 | 34.7 | 8.7 |
| 35.5 | 88.2 | 10522.4 | 250.0 | -50.5 | 99.9 | 257.8 | 43.4 | 42.4 | 9.2 | 331.0 | 331.0 | 0.9 | 99.9 | 40.2 | 8.7 |
| 37.7 | 93.0 | 11200.9 | 225.0 | -55.9 | 99.9 | 256.9 | 46.6 | 45.4 | 10.6 | 332.8 | 332.8 | 0.9 | 99.9 | 46.3 | 8.4 |
| 40.0 | 98.2 | 11939.3 | 200.0 | -62.7 | 99.9 | 260.8 | 43.5 | 44.9 | 7.2 | 333.5 | 333.5 | 0.9 | 99.9 | 52.7 | 8.4 |
| 42.9 | 103.8 | 12756.4 | 175.0 | -64.2 | 99.9 | 266.4 | 32.1 | 32.1 | 0.9 | 344.1 | 344.1 | 0.9 | 99.9 | 58.6 | 8.4 |
| 46.0 | 110.2 | 13705.1 | 150.0 | -60.6 | 99.9 | 267.8 | 31.3 | 31.3 | 1.2 | 345.7 | 345.7 | 0.9 | 99.9 | 65.8 | 8.4 |
| 49.7 | 117.0 | 14958.0 | 125.0 | -54.3 | 99.9 | 281.9 | 27.2 | 27.2 | -5.7 | 346.7 | 346.7 | 0.9 | 99.9 | 72.3 | 8.5 |
| 54.2 | 125.7 | 16293.0 | 100.0 | -52.4 | 99.9 | 281.9 | 27.6 | 27.0 | -5.7 | 426.6 | 426.6 | 0.9 | 99.9 | 79.9 | 8.7 |
| 59.6 | 136.0 | 18109.7 | 75.0 | -61.2 | 99.9 | 282.5 | 12.7 | 12.4 | -2.7 | 444.6 | 444.6 | 0.9 | 99.9 | 87.3 | 8.4 |
| 66.7 | 148.0 | 20668.3 | 50.0 | -55.4 | 99.9 | 247.2 | 4.0 | 3.7 | 1.6 | 512.9 | 512.9 | 0.9 | 99.9 | 89.7 | 8.4 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILL24 APRIL 1975
2015 GMT

165 160 0

| TIME MIN | CATCY | HEIGHT GEN | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.5 | 200.0 | 928.6 | 14.4 | 11.7 | 20.0 | 4.6 | -1.6 | -4.3 | 289.7 | 312.5 | 8.8 | 84.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 6.6 | 316.9 | 975.0 | 12.6 | 11.2 | 99.9 | 99.9 | 99.9 | 99.9 | 289.8 | 311.1 | 8.6 | 91.1 | 999.9 | 99.9 |
| 1.0 | 8.9 | 518.9 | 950.1 | 11.3 | 11.0 | 99.9 | 99.9 | 99.9 | 99.9 | 289.8 | 312.4 | 8.7 | 97.8 | 999.9 | 99.9 |
| 1.7 | 10.9 | 758.0 | 921.0 | 12.3 | 12.0 | 99.9 | 99.9 | 99.9 | 99.9 | 293.2 | 318.2 | 9.6 | 97.6 | 999.9 | 99.9 |
| 2.5 | 13.1 | 989.2 | 903.0 | 12.0 | 11.6 | 348.8 | 5.1 | 1.0 | -5.0 | 295.2 | 320.5 | 9.6 | 97.1 | 0.9 | 22.9 |
| 3.2 | 15.4 | 1225.0 | 875.0 | 10.3 | 6.8 | 323.1 | 6.7 | 4.0 | -5.4 | 295.6 | 317.3 | 8.2 | 90.1 | 1.0 | 20.7 |
| 4.1 | 17.5 | 1466.8 | 850.0 | 11.2 | 1.5 | 311.7 | 5.8 | 4.4 | -3.9 | 298.6 | 312.6 | 5.1 | 52.5 | 1.1 | 19.4 |
| 4.9 | 20.7 | 1711.9 | 825.0 | 11.0 | -10.3 | 310.0 | 7.4 | 5.7 | -4.5 | 300.5 | 308.8 | 2.1 | 21.2 | 1.3 | 14.3 |
| 5.6 | 22.2 | 1971.7 | 800.0 | 9.5 | -15.0 | 285.1 | 9.7 | 7.0 | -2.5 | 301.5 | 305.0 | 1.5 | 16.2 | 1.5 | 17.0 |
| 6.4 | 24.6 | 2234.0 | 775.0 | 7.7 | -12.7 | 294.3 | 7.6 | 7.4 | -3.2 | 302.3 | 307.8 | 1.8 | 21.9 | 1.7 | 15.4 |
| 7.2 | 27.0 | 2502.6 | 750.0 | 5.3 | -14.4 | 292.5 | 8.8 | 8.2 | -3.4 | 302.6 | 307.6 | 1.7 | 22.5 | 2.0 | 15.1 |
| 8.3 | 29.5 | 2778.9 | 725.0 | 3.5 | -4.3 | 284.3 | 10.2 | 9.9 | -2.5 | 303.6 | 318.9 | 3.9 | 56.8 | 2.4 | 14.3 |
| 9.0 | 32.2 | 3062.6 | 700.0 | 1.0 | -9.8 | 274.9 | 10.9 | 10.9 | -0.9 | 303.9 | 311.7 | 2.6 | 44.5 | 2.9 | 13.4 |
| 9.9 | 34.8 | 3354.1 | 675.0 | -0.8 | -16.7 | 274.7 | 10.0 | 10.0 | -0.8 | 305.0 | 309.7 | 1.5 | 28.4 | 3.4 | 12.7 |
| 10.9 | 37.3 | 3654.6 | 650.0 | -2.7 | -13.0 | 276.2 | 9.3 | 9.3 | -1.0 | 306.2 | 312.7 | 2.2 | 44.9 | 3.9 | 12.4 |
| 11.0 | 40.1 | 3964.0 | 625.0 | -5.4 | -17.0 | 263.2 | 10.2 | 10.2 | 1.2 | 306.4 | 311.4 | 1.6 | 39.8 | 4.4 | 11.4 |
| 13.0 | 42.9 | 4283.3 | 600.0 | -7.4 | -28.3 | 252.8 | 10.8 | 10.3 | 3.2 | 307.6 | 309.6 | 0.6 | 16.8 | 4.9 | 11.4 |
| 14.1 | 45.8 | 4613.0 | 575.0 | -10.0 | -37.2 | 248.1 | 13.0 | 12.0 | 4.8 | 308.3 | 309.2 | 0.3 | 8.6 | 5.5 | 10.4 |
| 15.1 | 48.8 | 4954.5 | 550.0 | -11.9 | -19.4 | 254.9 | 17.0 | 16.4 | 4.4 | 310.1 | 318.9 | 1.5 | 54.5 | 6.1 | 13.3 |
| 16.2 | 51.6 | 5302.7 | 525.0 | -13.4 | -24.7 | 261.9 | 21.6 | 21.4 | 3.0 | 312.4 | 315.6 | 1.0 | 38.9 | 7.4 | 9.4 |
| 17.4 | 54.4 | 5680.3 | 500.0 | -14.6 | -41.6 | 261.2 | 20.8 | 20.6 | 3.2 | 315.2 | 315.9 | 0.2 | 7.9 | 8.9 | 9.4 |
| 18.7 | 57.9 | 6064.2 | 475.0 | -18.0 | -47.8 | 267.5 | 20.9 | 20.9 | 0.9 | 315.6 | 316.0 | 0.1 | 5.3 | 10.5 | 9.4 |
| 20.0 | 61.1 | 6467.9 | 450.0 | -21.0 | -62.4 | 270.1 | 20.5 | 20.5 | -0.0 | 316.8 | 316.9 | 0.0 | 1.1 | 12.1 | 9.4 |
| 21.4 | 64.1 | 6872.0 | 425.0 | -24.8 | -36.6 | 269.2 | 22.7 | 22.7 | 0.3 | 317.3 | 318.6 | 0.4 | 32.4 | 13.6 | 9.3 |
| 22.9 | 68.1 | 7325.4 | 400.0 | -27.8 | -36.9 | 266.6 | 25.4 | 25.4 | 1.5 | 318.8 | 320.2 | 0.4 | 41.3 | 15.4 | 9.2 |
| 24.3 | 71.7 | 7785.8 | 375.0 | -31.4 | -39.8 | 265.4 | 26.6 | 24.5 | 2.1 | 320.0 | 321.1 | 0.3 | 43.0 | 18.2 | 9.2 |
| 25.9 | 75.7 | 8268.4 | 350.0 | -36.1 | -47.0 | 262.9 | 26.7 | 26.5 | 3.1 | 320.0 | 320.6 | 0.2 | 31.3 | 20.7 | 9.1 |
| 27.0 | 79.7 | 8780.7 | 325.0 | -39.5 | 99.9 | 262.7 | 28.0 | 27.8 | 3.5 | 322.2 | 99.9 | 99.9 | 99.9 | 23.5 | 9.0 |
| 29.3 | 83.9 | 9322.9 | 300.0 | -43.8 | 99.9 | 262.1 | 29.1 | 26.8 | 4.0 | 323.7 | 99.9 | 99.9 | 99.9 | 26.5 | 8.7 |
| 31.3 | 88.2 | 9901.6 | 275.0 | -48.8 | 99.9 | 260.5 | 29.0 | 28.6 | 4.8 | 324.6 | 99.9 | 99.9 | 99.9 | 29.9 | 8.9 |
| 33.4 | 93.0 | 10520.7 | 250.0 | -53.4 | 99.9 | 263.7 | 38.6 | 38.3 | 4.2 | 326.7 | 99.9 | 99.9 | 99.9 | 33.8 | 8.7 |
| 35.7 | 98.2 | 11194.8 | 225.0 | -58.2 | 99.9 | 260.6 | 39.0 | 38.5 | 6.4 | 332.5 | 99.9 | 99.9 | 99.9 | 39.4 | 8.7 |
| 38.4 | 103.2 | 11938.1 | 200.0 | -58.9 | 99.9 | 260.5 | 41.0 | 40.4 | 6.8 | 339.5 | 99.9 | 99.9 | 99.9 | 45.5 | 9.1 |
| 41.3 | 105.0 | 12772.4 | 175.0 | -58.4 | 99.9 | 258.9 | 37.8 | 37.1 | 7.3 | 353.6 | 99.9 | 99.9 | 99.9 | 52.6 | 8.5 |
| 44.7 | 115.5 | 13742.5 | 150.0 | -58.9 | 99.9 | 259.4 | 30.3 | 29.8 | 5.6 | 368.6 | 99.9 | 99.9 | 99.9 | 59.4 | 8.4 |
| 48.6 | 122.7 | 14892.5 | 125.0 | -57.6 | 99.9 | 253.8 | 27.2 | 26.1 | 7.6 | 390.8 | 99.9 | 99.9 | 99.9 | 65.9 | 8.4 |
| 53.7 | 131.3 | 16302.7 | 100.0 | -56.7 | 99.9 | 258.6 | 14.8 | 18.8 | 0.1 | 418.3 | 99.9 | 99.9 | 99.9 | 73.6 | 8.1 |
| 59.1 | 140.0 | 18106.9 | 75.0 | -62.2 | 99.9 | 264.3 | 18.9 | 18.9 | 1.9 | 442.6 | 99.9 | 99.9 | 99.9 | 78.5 | 8.1 |
| 67.1 | 151.0 | 23647.8 | 50.0 | -56.7 | 99.9 | 261.5 | 7.5 | 7.4 | 1.1 | 510.0 | 99.9 | 99.9 | 99.9 | 82.7 | 8.1 |
| 79.0 | 164.0 | 25100.6 | 25.0 | -51.8 | 99.9 | 269.7 | 1.3 | 1.1 | -0.6 | 635.8 | 99.9 | 99.9 | 99.9 | 84.0 | 8.1 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 553
CHAMPA, NEB24 APRIL 1975
2015 GMT

| TIME MIN | CNTCT | HEIGHT GSM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T CG K | E POT T DG K | MX RTO GM/KG | PH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.3 | 400.0 | 905.3 | 16.8 | 12.7 | 290.0 | 2.6 | 2.4 | -0.5 | 294.2 | 319.6 | 9.7 | 77.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.4 | 8.5 | 535.9 | 950.0 | 14.4 | 11.7 | 999.9 | 99.9 | 99.9 | 99.9 | 293.0 | 316.9 | 9.2 | 84.2 | 999.9 | 999.9 |
| 1.1 | 10.4 | 760.8 | 925.0 | 12.0 | 10.6 | 999.9 | 99.9 | 99.9 | 99.9 | 292.7 | 315.7 | 8.7 | 90.9 | 999.9 | 999.9 |
| 1.9 | 12.4 | 990.0 | 900.0 | 10.1 | 9.1 | 298.2 | 5.4 | 4.7 | -2.5 | 293.0 | 311.4 | 8.1 | 93.5 | 0.4 | 17.9 |
| 2.8 | 14.5 | 1224.3 | 875.0 | 8.9 | 7.3 | 249.5 | 6.6 | 6.2 | -2.2 | 294.0 | 313.6 | 7.4 | 89.7 | 0.7 | 11.2 |
| 3.7 | 16.5 | 1464.2 | 850.0 | 7.7 | 2.4 | 279.6 | 6.8 | 6.7 | -1.1 | 294.9 | 309.7 | 5.4 | 69.3 | 1.1 | 108. |
| 4.6 | 18.6 | 1710.1 | 825.0 | 6.6 | -3.0 | 289.9 | 5.8 | 5.4 | -0.0 | 296.0 | 306.7 | 3.8 | 51.2 | 1.4 | 108. |
| 5.5 | 20.7 | 1963.1 | 800.0 | 7.9 | -6.4 | 270.6 | 3.1 | 3.1 | -0.0 | 300.0 | 308.5 | 3.0 | 35.5 | 1.6 | 17.7 |
| 6.4 | 22.9 | 2224.5 | 775.0 | 6.7 | -5.5 | 241.6 | 1.4 | 1.3 | 0.7 | 301.5 | 310.9 | 3.3 | 41.3 | 1.7 | 105. |
| 7.4 | 25.2 | 2493.1 | 750.0 | 5.1 | -9.0 | 201.9 | 3.0 | 1.1 | 2.7 | 302.4 | 310.0 | 2.6 | 35.3 | 1.8 | 102. |
| 8.3 | 27.4 | 2765.0 | 725.0 | 3.4 | -8.9 | 204.3 | 4.1 | 1.7 | 3.7 | 303.5 | 311.4 | 2.7 | 40.0 | 1.8 | 45. |
| 9.2 | 29.7 | 3052.5 | 700.0 | 1.3 | -9.2 | 219.5 | 5.3 | 3.4 | 4.1 | 304.2 | 312.3 | 2.7 | 45.6 | 1.9 | 8.7 |
| 10.2 | 32.3 | 3343.9 | 675.0 | -1.5 | -9.8 | 220.3 | 6.6 | 4.3 | 5.0 | 304.3 | 312.3 | 2.7 | 53.2 | 2.2 | 82. |
| 11.3 | 34.9 | 3643.2 | 650.0 | -4.1 | -11.7 | 216.6 | 8.0 | 4.8 | 6.4 | 304.7 | 311.6 | 2.4 | 55.2 | 2.6 | 74. |
| 12.3 | 37.1 | 3951.1 | 625.0 | -6.9 | -10.7 | 218.5 | 9.7 | 5.4 | 6.8 | 304.8 | 312.6 | 2.2 | 69.0 | 3.0 | 68. |
| 13.5 | 39.9 | 4269.6 | 600.0 | -9.1 | -13.7 | 221.3 | 9.6 | 6.5 | 7.3 | 305.9 | 312.6 | 2.7 | 74.3 | 3.6 | 63. |
| 14.6 | 42.3 | 4577.5 | 575.0 | -10.4 | -23.9 | 231.5 | 10.2 | 8.0 | 6.4 | 307.9 | 310.9 | 1.0 | 32.2 | 4.2 | 41. |
| 15.9 | 45.1 | 4938.2 | 550.0 | -12.7 | -25.0 | 238.3 | 10.2 | 8.7 | 5.3 | 309.0 | 312.0 | 0.9 | 34.8 | 5.0 | 60. |
| 17.1 | 48.3 | 5291.0 | 525.0 | -15.8 | -26.1 | 242.6 | 12.1 | 10.7 | 5.6 | 309.5 | 312.3 | 0.9 | 40.7 | 5.8 | 60. |
| 18.3 | 50.9 | 5657.1 | 500.0 | -18.4 | -25.0 | 242.6 | 14.2 | 13.3 | 5.0 | 310.7 | 313.9 | 1.0 | 56.0 | 6.8 | 61. |
| 19.8 | 53.8 | 6038.0 | 475.0 | -21.3 | -28.2 | 254.7 | 12.7 | 12.2 | 3.3 | 311.7 | 314.2 | 0.8 | 53.2 | 7.9 | 63. |
| 21.1 | 56.7 | 6438.6 | 450.0 | -24.3 | -31.3 | 259.3 | 14.0 | 13.7 | 2.6 | 312.7 | 314.6 | 0.6 | 51.6 | 8.9 | 64. |
| 22.4 | 59.0 | 6848.3 | 425.0 | -27.6 | -35.2 | 261.0 | 17.4 | 17.1 | 2.7 | 313.6 | 315.1 | 0.4 | 48.0 | 10.1 | 66. |
| 24.0 | 63.4 | 7282.4 | 400.0 | -30.3 | -40.0 | 252.2 | 19.6 | 18.7 | 6.3 | 315.6 | 316.6 | 0.3 | 37.7 | 11.8 | 68. |
| 25.5 | 66.7 | 7737.6 | 375.0 | -34.6 | -42.8 | 251.0 | 20.2 | 19.1 | 6.6 | 315.8 | 316.6 | 0.2 | 42.6 | 13.7 | 68. |
| 27.2 | 70.4 | 8215.9 | 350.0 | -38.5 | -44.7 | 244.3 | 21.4 | 19.3 | 5.3 | 316.8 | 317.5 | 0.2 | 51.1 | 15.7 | 68. |
| 28.9 | 74.0 | 8720.9 | 325.0 | -42.5 | 99.9 | 246.3 | 24.3 | 22.2 | 7.5 | 318.8 | 999.9 | 99.9 | 999.9 | 18.1 | 59. |
| 30.9 | 78.2 | 9245.1 | 300.0 | -47.2 | 99.9 | 254.2 | 27.7 | 26.7 | 10.2 | 321.3 | 999.9 | 99.9 | 999.9 | 21.2 | 59. |
| 32.8 | 82.3 | 9826.4 | 275.0 | -51.1 | 99.9 | 251.1 | 31.4 | 29.7 | 10.2 | 321.3 | 999.9 | 99.9 | 999.9 | 24.5 | 59. |
| 35.0 | 86.7 | 10440.9 | 250.0 | -54.3 | 99.9 | 252.1 | 38.4 | 36.6 | 11.8 | 325.4 | 999.9 | 99.9 | 999.9 | 29.2 | 69. |
| 37.4 | 91.6 | 11112.9 | 225.0 | -57.7 | 99.9 | 250.1 | 38.0 | 35.7 | 12.8 | 333.2 | 999.9 | 99.9 | 999.9 | 34.9 | 65. |
| 40.0 | 96.9 | 11862.8 | 200.0 | -57.0 | 99.9 | 250.9 | 35.0 | 33.6 | 9.7 | 342.5 | 999.9 | 99.9 | 999.9 | 40.8 | 70. |
| 42.6 | 102.3 | 12703.3 | 175.0 | -57.9 | 99.9 | 251.2 | 35.8 | 33.9 | 11.6 | 354.3 | 999.9 | 99.9 | 999.9 | 45.9 | 70. |
| 45.9 | 108.6 | 13682.2 | 150.0 | -56.3 | 99.9 | 252.5 | 39.2 | 37.4 | 11.8 | 373.1 | 999.9 | 99.9 | 999.9 | 53.2 | 71. |
| 48.7 | 115.7 | 14836.1 | 125.0 | -55.4 | 99.9 | 259.6 | 38.6 | 28.1 | 5.2 | 394.7 | 999.9 | 99.9 | 999.9 | 61.3 | 72. |
| 51.7 | 124.5 | 16262.5 | 100.0 | -55.3 | 99.9 | 240.0 | 15.5 | 13.4 | 7.5 | 421.0 | 999.9 | 99.9 | 999.9 | 69.2 | 73. |
| 54.7 | 134.5 | 19081.7 | 75.0 | -58.4 | 99.9 | 244.2 | 18.3 | 16.4 | 7.9 | 450.4 | 999.9 | 99.9 | 999.9 | 76.2 | 71. |
| 58.4 | 145.5 | 20492.5 | 50.0 | -54.7 | 99.9 | 151.0 | 0.7 | -0.3 | 0.6 | 514.7 | 999.9 | 99.9 | 999.9 | 82.0 | 73. |
| 61.2 | 158.5 | 25130.5 | 25.0 | -49.9 | 99.9 | 49.3 | 6.3 | -5.9 | -2.2 | 641.3 | 999.9 | 99.9 | 999.9 | 80.7 | 74. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
 OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 502
NORTH PLATTE, NEB24 APRIL 1975
2015 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTO GM/KG | RM PCT | RANGF KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 14.6 | 847.0 | 914.7 | 20.6 | -3.8 | 330.0 | 4.1 | 2.1 | -3.6 | 301.8 | 310.9 | 3.2 | 19.0 | 0.0 | 0. |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 9.9 | 55.3 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 9.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 9.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 15.3 | 986.5 | 900.0 | 19.5 | -6.2 | 149.5 | 7.9 | -4.1 | 6.7 | 302.0 | 309.8 | 2.7 | 17.0 | 0.0 | 15.3 |
| 1.0 | 14.3 | 1227.1 | 875.0 | 16.6 | -7.2 | 177.2 | 4.1 | -0.2 | 4.1 | 301.4 | 308.8 | 2.5 | 18.8 | 0.1 | 15.7 |
| 1.6 | 20.4 | 1472.4 | 850.0 | 14.2 | -7.8 | 273.3 | 3.0 | 3.0 | -0.2 | 301.3 | 308.6 | 2.5 | 21.0 | 0.2 | 11.1 |
| 2.3 | 23.1 | 1722.9 | 825.0 | 11.5 | -8.5 | 302.6 | 4.1 | 3.4 | -2.2 | 301.1 | 308.3 | 2.4 | 23.7 | 0.3 | 11.4 |
| 2.8 | 25.3 | 1576.9 | 800.0 | 9.3 | -8.4 | 301.7 | 4.2 | 3.5 | -2.2 | 301.4 | 308.8 | 2.5 | 27.6 | 0.5 | 11.7 |
| 3.6 | 28.7 | 2240.7 | 775.0 | 6.7 | -8.1 | 308.2 | 1.9 | 3.2 | -2.3 | 301.3 | 309.2 | 2.7 | 33.9 | 0.6 | 11.8 |
| 4.3 | 31.4 | 2508.9 | 750.0 | 4.5 | -8.1 | 293.5 | 5.3 | 4.8 | -2.1 | 301.8 | 309.9 | 2.8 | 39.4 | 0.8 | 12.7 |
| 4.0 | 34.3 | 2793.9 | 725.0 | 2.1 | -8.9 | 287.1 | 9.1 | 4.7 | -2.7 | 302.1 | 310.0 | 2.7 | 44.1 | 1.1 | 11.4 |
| 5.9 | 37.3 | 3065.8 | 700.0 | -0.1 | -10.9 | 286.4 | 13.9 | 13.4 | -3.9 | 302.7 | 309.7 | 2.4 | 43.9 | 1.4 | 11.4 |
| 6.0 | 39.9 | 3356.3 | 675.0 | -1.5 | -11.3 | 277.5 | 18.5 | 16.4 | -2.1 | 304.3 | 311.4 | 2.4 | 47.0 | 2.7 | 11.1 |
| 7.0 | 42.7 | 3655.9 | 650.0 | -3.8 | -17.0 | 268.6 | 16.8 | 16.7 | 1.6 | 304.9 | 309.7 | 1.6 | 35.5 | 3.7 | 10.5 |
| 8.9 | 45.7 | 3964.4 | 625.0 | -5.4 | -23.7 | 259.9 | 15.2 | 15.9 | 1.9 | 307.9 | 308.9 | 0.9 | 22.1 | 4.6 | 7.2 |
| 9.9 | 48.3 | 4283.5 | 600.0 | -7.1 | -35.4 | 262.8 | 15.2 | 15.1 | 1.9 | 307.9 | 308.9 | 0.3 | 8.3 | 5.5 | 7.2 |
| 10.0 | 51.9 | 4614.0 | 575.0 | -9.1 | -39.6 | 267.0 | 14.6 | 14.6 | 0.8 | 309.3 | 310.0 | 0.2 | 6.3 | 6.4 | 9.2 |
| 12.0 | 55.1 | 4955.6 | 550.0 | -11.5 | -41.0 | 278.2 | 14.0 | 13.9 | -2.0 | 310.4 | 311.0 | 0.2 | 6.6 | 7.3 | 9.2 |
| 13.1 | 58.3 | 5311.1 | 525.0 | -14.5 | -39.9 | 283.9 | 15.1 | 14.6 | -3.6 | 311.0 | 311.8 | 0.2 | 9.4 | 8.7 | 9.2 |
| 14.5 | 61.7 | 5678.7 | 500.0 | -17.2 | -39.5 | 275.6 | 16.3 | 16.0 | -2.7 | 312.0 | 312.9 | 0.2 | 12.3 | 9.5 | 9.2 |
| 15.8 | 65.2 | 6040.8 | 475.0 | -20.5 | -37.5 | 276.8 | 17.3 | 17.2 | -2.1 | 312.5 | 313.7 | 0.3 | 20.4 | 10.9 | 9.2 |
| 17.1 | 68.5 | 6458.7 | 450.0 | -23.4 | -43.9 | 278.9 | 18.6 | 18.6 | -2.9 | 313.5 | 314.0 | 0.1 | 13.7 | 13.9 | 9.2 |
| 18.5 | 72.1 | 6873.4 | 425.0 | -27.7 | -47.0 | 279.5 | 18.0 | 17.7 | -2.9 | 314.3 | 314.3 | 0.2 | 13.2 | 12.3 | 9.2 |
| 19.3 | 76.0 | 7305.8 | 400.0 | -31.6 | -49.4 | 278.1 | 18.3 | 18.1 | -3.6 | 313.9 | 314.2 | 0.1 | 15.1 | 15.3 | 9.2 |
| 21.4 | 80.3 | 7758.5 | 375.0 | -35.6 | -53.1 | 275.7 | 17.4 | 17.3 | -1.7 | 314.4 | 314.7 | 0.1 | 14.5 | 17.0 | 9.2 |
| 22.7 | 83.8 | 8215.7 | 350.0 | -38.8 | -56.4 | 275.1 | 17.9 | 17.9 | -1.6 | 316.3 | 316.5 | 0.0 | 13.4 | 18.5 | 9.2 |
| 24.4 | 86.3 | 8739.9 | 325.0 | -43.8 | 97.9 | 274.8 | 16.9 | 16.8 | -1.4 | 316.4 | 316.9 | 99.9 | 99.9 | 20.2 | 9.2 |
| 26.0 | 92.7 | 9271.7 | 300.0 | -48.4 | 99.9 | 273.4 | 18.4 | 18.4 | -1.4 | 317.2 | 317.2 | 99.9 | 99.9 | 21.8 | 9.2 |
| 28.1 | 97.2 | 9830.5 | 275.0 | -52.3 | 99.9 | 273.4 | 18.4 | 18.4 | -1.4 | 317.2 | 317.2 | 99.9 | 99.9 | 23.9 | 9.2 |
| 30.4 | 102.3 | 10450.6 | 250.0 | -56.1 | 99.9 | 273.4 | 18.4 | 18.4 | -1.4 | 317.2 | 317.2 | 99.9 | 99.9 | 26.2 | 9.2 |
| 33.0 | 107.4 | 11130.2 | 225.0 | -63.6 | 99.9 | 268.6 | 22.2 | 21.8 | 4.4 | 316.6 | 316.6 | 99.9 | 99.9 | 29.0 | 9.2 |
| 35.5 | 112.9 | 11885.3 | 200.0 | -54.1 | 99.9 | 268.6 | 20.8 | 20.5 | 3.5 | 317.1 | 317.1 | 99.9 | 99.9 | 32.3 | 9.2 |
| 38.4 | 118.0 | 12740.1 | 175.0 | -55.4 | 99.9 | 262.8 | 23.7 | 19.4 | 9.5 | 316.6 | 316.6 | 99.9 | 99.9 | 36.0 | 9.2 |
| 42.1 | 125.5 | 13731.0 | 150.0 | -54.1 | 99.9 | 268.6 | 17.8 | 17.8 | 1.1 | 317.0 | 317.0 | 99.9 | 99.9 | 40.6 | 9.2 |
| 46.0 | 132.7 | 14869.6 | 125.0 | -57.5 | 99.9 | 268.6 | 17.9 | 17.5 | 3.5 | 316.9 | 316.9 | 99.9 | 99.9 | 45.1 | 8.9 |
| 51.1 | 140.3 | 16304.8 | 100.0 | -53.5 | 99.9 | 260.9 | 14.8 | 14.8 | 2.4 | 424.4 | 424.4 | 99.9 | 99.9 | 51.4 | 9.2 |
| 57.2 | 147.7 | 18140.3 | 75.0 | -55.2 | 99.9 | 245.0 | 20.7 | 14.8 | 8.7 | 457.2 | 457.2 | 99.9 | 99.9 | 56.9 | 8.9 |
| 65.3 | 156.0 | 20732.4 | 50.0 | -54.1 | 99.9 | 264.2 | 5.3 | 5.2 | 0.5 | 515.9 | 515.9 | 99.9 | 99.9 | 63.2 | 8.9 |
| 77.4 | 164.7 | 25252.3 | 25.0 | -49.4 | 99.9 | 278.0 | 2.9 | 2.8 | -0.4 | 643.1 | 643.1 | 99.9 | 99.9 | 65.7 | 8.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 606
PORTLAND, ME24 APRIL 1975
2015 GMT

158 27.0

| TIME MIN | CNTCT | WEIGHT GPA | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E PUT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.4 | 20.0 | 1009.2 | 7.2 | 7.2 | 340.0 | 4.1 | 1.4 | -3.9 | 280.4 | 296.5 | 6.3 | 100.0 | 0.0 | 0. |
| 0.3 | 6.2 | 95.6 | 1030.0 | 7.3 | 6.9 | 999.9 | 99.9 | 99.9 | 05.9 | 281.3 | 297.1 | 6.2 | 98.6 | 999.9 | 99.9 |
| 1.0 | 6.5 | 303.7 | 975.0 | 5.5 | 5.2 | 999.9 | 99.9 | 99.9 | 99.9 | 281.5 | 296.1 | 5.7 | 97.8 | 999.9 | 99.9 |
| 1.8 | 10.7 | 516.2 | 950.0 | 5.6 | 5.3 | 999.9 | 99.9 | 99.9 | 99.9 | 283.7 | 298.9 | 5.9 | 97.8 | 999.9 | 99.9 |
| 2.5 | 13.0 | 736.3 | 925.0 | 10.1 | 9.8 | 244.8 | 14.9 | 13.5 | 6.3 | 290.7 | 312.3 | 8.3 | 98.5 | 0.4 | 105. |
| 3.2 | 15.3 | 965.3 | 900.0 | 10.4 | 10.0 | 242.4 | 15.3 | 13.6 | 7.1 | 293.4 | 316.1 | 8.6 | 98.8 | 1.4 | 95. |
| 4.1 | 17.6 | 1200.1 | 875.0 | 9.5 | 9.2 | 245.0 | 16.8 | 15.3 | 7.2 | 295.3 | 317.0 | 8.4 | 97.9 | 2.1 | 77. |
| 4.8 | 20.1 | 1460.3 | 850.0 | 7.8 | 7.5 | 245.2 | 17.1 | 15.5 | 7.2 | 295.3 | 315.9 | 7.7 | 98.0 | 2.9 | 74. |
| 5.7 | 22.4 | 1686.7 | 825.0 | 6.7 | 6.4 | 247.2 | 17.4 | 16.1 | 6.7 | 296.7 | 316.5 | 7.4 | 97.8 | 3.4 | 72. |
| 6.5 | 25.0 | 1939.4 | 800.0 | 5.4 | 5.0 | 249.5 | 15.1 | 14.2 | 5.2 | 297.8 | 316.5 | 6.9 | 97.6 | 4.4 | 71. |
| 7.4 | 27.3 | 2109.1 | 775.0 | 4.3 | 3.9 | 252.1 | 14.8 | 14.1 | 4.5 | 299.3 | 317.3 | 6.6 | 97.4 | 5.4 | 71. |
| 8.4 | 30.7 | 2464.9 | 750.0 | 1.6 | 1.0 | 246.7 | 12.2 | 11.3 | 4.4 | 299.0 | 314.3 | 5.5 | 95.5 | 6.3 | 72. |
| 10.0 | 32.7 | 2738.3 | 725.0 | 0.7 | 0.4 | 246.4 | 11.6 | 10.7 | 4.7 | 301.0 | 316.3 | 5.5 | 97.8 | 7.3 | 71. |
| 11.4 | 35.4 | 3019.8 | 700.0 | -1.1 | -1.8 | 251.9 | 13.2 | 12.6 | 4.1 | 301.9 | 315.5 | 4.8 | 95.2 | 8.3 | 72. |
| 12.6 | 38.3 | 3300.2 | 675.0 | -2.6 | -4.0 | 255.8 | 14.9 | 14.7 | 2.7 | 303.3 | 315.4 | 4.2 | 90.1 | 9.3 | 71. |
| 14.0 | 40.7 | 3607.4 | 650.0 | -5.0 | -7.5 | 268.4 | 16.7 | 16.7 | 0.5 | 303.7 | 313.5 | 3.4 | 82.9 | 10.7 | 73. |
| 15.4 | 43.6 | 3914.4 | 625.0 | -7.0 | -9.9 | 273.4 | 16.4 | 16.4 | -1.0 | 304.8 | 313.4 | 2.9 | 80.3 | 12.2 | 75. |
| 16.9 | 46.5 | 4232.7 | 600.0 | -8.5 | -11.1 | 274.7 | 15.5 | 15.4 | -1.3 | 306.6 | 314.8 | 2.7 | 81.7 | 13.4 | 77. |
| 18.3 | 49.4 | 4562.0 | 575.0 | -10.2 | -11.9 | 265.7 | 17.4 | 17.3 | 1.3 | 308.4 | 316.4 | 2.7 | 87.0 | 14.7 | 78. |
| 19.5 | 52.5 | 4903.6 | 550.0 | -12.4 | -14.4 | 262.6 | 17.2 | 17.0 | 2.2 | 309.7 | 316.6 | 2.3 | 85.0 | 15.2 | 79. |
| 21.2 | 55.7 | 5257.7 | 525.0 | -14.8 | -16.9 | 261.4 | 20.1 | 19.9 | 3.0 | 310.8 | 316.9 | 2.0 | 84.6 | 17.8 | 79. |
| 22.5 | 58.6 | 5625.9 | 500.0 | -16.9 | -19.3 | 260.8 | 20.7 | 20.4 | 3.3 | 312.6 | 318.0 | 1.7 | 83.4 | 19.4 | 79. |
| 24.0 | 62.1 | 6009.2 | 475.0 | -19.7 | -22.3 | 259.2 | 21.4 | 21.0 | 4.0 | 313.7 | 318.0 | 1.3 | 79.5 | 21.3 | 79. |
| 25.5 | 65.7 | 6409.0 | 450.0 | -22.3 | -25.5 | 259.7 | 20.9 | 20.6 | 3.8 | 315.3 | 318.8 | 1.1 | 74.7 | 23.1 | 79. |
| 27.0 | 69.2 | 6826.6 | 425.0 | -25.3 | -29.1 | 254.2 | 22.4 | 22.3 | 2.3 | 316.6 | 319.2 | 0.8 | 68.4 | 25.2 | 79. |
| 28.7 | 72.7 | 7244.1 | 400.0 | -28.0 | -32.5 | 255.8 | 31.5 | 31.4 | 2.3 | 318.6 | 320.7 | 0.6 | 65.1 | 27.7 | 90. |
| 30.1 | 76.6 | 7724.5 | 375.0 | -31.4 | -36.2 | 270.1 | 34.6 | 34.6 | -0.1 | 320.0 | 321.6 | 0.5 | 62.4 | 31.1 | 91. |
| 32.0 | 80.6 | 8208.8 | 350.0 | -35.9 | -45.2 | 249.4 | 37.5 | 37.5 | 0.4 | 320.3 | 321.0 | 0.2 | 38.6 | 34.6 | 92. |
| 33.8 | 84.8 | 8719.0 | 325.0 | -40.2 | -49.9 | 275.2 | 33.1 | 32.9 | -3.0 | 321.2 | 321.6 | 99.9 | 99.9 | 38.5 | 93. |
| 35.7 | 89.0 | 9261.4 | 300.0 | -43.4 | -49.9 | 283.8 | 36.9 | 36.8 | -8.4 | 324.2 | 324.2 | 99.9 | 99.9 | 42.1 | 94. |
| 37.9 | 93.7 | 9842.6 | 275.0 | -46.7 | -59.9 | 296.9 | 43.1 | 38.4 | -19.5 | 327.6 | 327.6 | 99.9 | 99.9 | 46.9 | 97. |
| 40.1 | 98.5 | 10459.2 | 250.0 | -51.3 | -69.9 | 293.7 | 55.9 | 51.7 | -21.4 | 329.8 | 329.8 | 99.9 | 99.9 | 53.5 | 91. |
| 42.6 | 103.6 | 11145.6 | 225.0 | -56.6 | -79.9 | 293.7 | 55.7 | 51.0 | -22.4 | 331.8 | 331.8 | 99.9 | 99.9 | 60.4 | 91. |
| 45.1 | 109.3 | 11882.8 | 200.0 | -62.4 | -89.9 | 290.3 | 56.1 | 52.0 | -19.5 | 334.0 | 334.0 | 99.9 | 99.9 | 69.6 | 91. |
| 48.4 | 115.4 | 12704.9 | 175.0 | -66.6 | -99.9 | 288.4 | 33.7 | 32.9 | -7.3 | 346.6 | 346.6 | 99.9 | 99.9 | 77.7 | 97. |
| 52.2 | 122.3 | 13668.7 | 150.0 | -57.5 | -99.9 | 288.1 | 32.1 | 31.2 | -7.5 | 371.1 | 371.1 | 99.9 | 99.9 | 84.4 | 98. |
| 57.5 | 129.7 | 14931.6 | 125.0 | -53.9 | -99.9 | 280.9 | 26.5 | 26.0 | -5.0 | 397.4 | 397.4 | 99.9 | 99.9 | 93.2 | 99. |
| 63.2 | 137.5 | 16255.7 | 100.0 | -54.5 | -99.9 | 281.5 | 23.1 | 22.6 | -4.6 | 422.5 | 422.5 | 99.9 | 99.9 | 100.6 | 99. |
| 71.2 | 145.7 | 18059.8 | 75.0 | -56.7 | -99.9 | 309.0 | 15.4 | 12.0 | -9.7 | 454.1 | 454.1 | 99.9 | 99.9 | 109.0 | 100. |
| 80.8 | 154.9 | 20675.2 | 50.0 | -54.8 | -99.9 | 316.4 | 3.7 | 2.5 | -2.7 | 514.3 | 514.3 | 99.9 | 99.9 | 112.7 | 101. |
| 90.0 | 56.3 | 99.9 | 25.0 | 59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |

* PV SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 637
FLINT, MICH24 APRIL 1975
2100 GMT

152 16. 3

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DG C | CEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE A7 KM | DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|----------------|------|
| 0.0 | 5.9 | 236.0 | 984.1 | 8.9 | 5.6 | 60.0 | 5.1 | -4.4 | -2.5 | 284.1 | 209.2 | 5.8 | 80.0 | 0.3 | 0. |
| 99.9 | 99.9 | 95.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.3 | 6.6 | 312.9 | 975.0 | 7.5 | 3.9 | 6.6 | 5.8 | -0.7 | -5.7 | 283.4 | 266.7 | 5.2 | 77.4 | 7.2 | 182. |
| 1.0 | 6.7 | 526.1 | 950.0 | 5.3 | 4.2 | 11.3 | 5.5 | -1.1 | -5.4 | 283.2 | 297.4 | 5.5 | 93.0 | 0.4 | 104. |
| 1.7 | 10.7 | 743.6 | 925.0 | 3.5 | 2.2 | 10.5 | 4.0 | -1.1 | -3.9 | 283.5 | 266.8 | 5.1 | 96.4 | 0.4 | 149. |
| 2.5 | 12.7 | 665.9 | 900.0 | 3.3 | 2.6 | 32.4 | 4.0 | 1.9 | -3.6 | 285.6 | 299.0 | 5.1 | 95.0 | 0.4 | 145. |
| 3.1 | 14.9 | 1195.4 | 875.0 | 5.4 | -0.7 | 305.0 | 6.9 | 5.7 | -4.0 | 289.9 | 301.2 | 4.2 | 64.7 | 0.9 | 177. |
| 3.9 | 16.8 | 1433.2 | 850.0 | 6.4 | 2.1 | 295.5 | 6.4 | 5.8 | -2.8 | 293.6 | 307.8 | 5.2 | 73.6 | 1.1 | 144. |
| 4.7 | 19.1 | 1674.4 | 825.0 | 6.4 | 2.5 | 285.0 | 6.2 | 5.9 | -1.6 | 296.1 | 311.3 | 5.6 | 75.4 | 1.3 | 102. |
| 5.5 | 21.2 | 1531.2 | 800.0 | 6.1 | 1.3 | 289.3 | 5.1 | 4.8 | -1.7 | 299.3 | 312.9 | 5.3 | 71.3 | 1.5 | 144. |
| 6.3 | 23.5 | 2190.9 | 775.0 | 4.3 | -0.4 | 255.5 | 6.3 | 5.7 | -2.7 | 299.1 | 312.5 | 4.8 | 71.6 | 1.9 | 140. |
| 7.1 | 25.8 | 2457.5 | 750.0 | 3.9 | -17.5 | 300.1 | 7.5 | 6.5 | -3.7 | 301.0 | 305.7 | 1.6 | 24.3 | 2.1 | 177. |
| 8.1 | 28.2 | 2731.2 | 725.0 | 2.5 | -20.3 | 306.5 | 8.9 | 7.2 | -5.3 | 302.4 | 305.6 | 1.0 | 16.5 | 2.5 | 134. |
| 8.9 | 30.5 | 3015.1 | 700.0 | 1.0 | -21.3 | 308.1 | 9.1 | 8.0 | -4.3 | 303.8 | 306.9 | 1.0 | 16.9 | 3.0 | 133. |
| 9.4 | 33.1 | 3306.1 | 675.0 | -1.1 | -19.7 | 290.1 | 9.5 | 8.9 | -3.3 | 304.5 | 308.2 | 1.2 | 22.9 | 3.5 | 130. |
| 10.9 | 35.6 | 3606.2 | 650.0 | -2.9 | -29.6 | 295.2 | 11.3 | 10.3 | -4.9 | 305.7 | 307.4 | 0.5 | 10.7 | 4.1 | 127. |
| 11.9 | 38.2 | 3915.6 | 625.0 | -4.6 | -30.8 | 293.1 | 13.3 | 12.2 | -5.2 | 307.2 | 308.8 | 0.5 | 10.7 | 4.9 | 124. |
| 13.1 | 40.7 | 4235.6 | 600.0 | -6.8 | -35.7 | 293.3 | 13.6 | 13.3 | -3.1 | 308.3 | 309.3 | 0.3 | 7.9 | 5.3 | 111. |
| 14.1 | 43.5 | 4564.0 | 575.0 | -9.6 | -38.4 | 275.6 | 14.4 | 14.2 | -1.9 | 308.8 | 309.6 | 0.2 | 7.3 | 6.6 | 120. |
| 15.3 | 46.3 | 4907.4 | 550.0 | -12.6 | -38.4 | 275.6 | 13.4 | 13.4 | -1.3 | 305.1 | 310.0 | 0.2 | 9.3 | 7.5 | 117. |
| 16.4 | 49.3 | 5260.6 | 525.0 | -14.9 | -40.3 | 289.9 | 15.0 | 15.0 | 0.0 | 310.5 | 311.2 | 0.2 | 9.3 | 8.3 | 114. |
| 17.6 | 52.0 | 5629.0 | 500.0 | -15.8 | -44.5 | 285.0 | 18.0 | 18.0 | 1.6 | 313.7 | 314.2 | 0.1 | 6.4 | 9.4 | 111. |
| 18.8 | 55.3 | 6013.7 | 475.0 | -18.8 | -35.2 | 268.4 | 17.5 | 17.5 | 0.5 | 314.6 | 316.0 | 0.4 | 21.9 | 10.6 | 111. |
| 19.9 | 57.9 | 6413.7 | 450.0 | -20.5 | -37.9 | 266.3 | 17.3 | 17.2 | 1.1 | 315.0 | 316.1 | 0.3 | 22.8 | 11.7 | 106. |
| 21.0 | 61.1 | 6830.6 | 425.0 | -26.1 | -35.5 | 266.5 | 14.2 | 14.1 | 0.9 | 315.6 | 317.1 | 0.4 | 41.6 | 12.8 | 104. |
| 22.5 | 64.5 | 7267.5 | 400.0 | -28.8 | -33.5 | 259.9 | 12.2 | 12.0 | 2.1 | 317.6 | 319.5 | 0.6 | 63.4 | 13.3 | 111. |
| 23.9 | 67.7 | 7726.5 | 375.0 | -32.3 | -37.6 | 252.4 | 17.3 | 16.6 | 5.1 | 318.8 | 320.2 | 0.4 | 58.9 | 14.9 | 101. |
| 25.3 | 71.2 | 8216.4 | 350.0 | -35.1 | -38.0 | 252.5 | 20.1 | 19.2 | 6.1 | 321.4 | 322.8 | 0.4 | 74.4 | 16.3 | 94. |
| 27.1 | 75.1 | 8722.7 | 325.0 | -39.3 | 99.9 | 237.8 | 22.4 | 21.9 | 4.7 | 322.5 | 999.9 | 99.9 | 99.9 | 18.2 | 45. |
| 28.8 | 79.2 | 9266.1 | 300.0 | -43.2 | 99.9 | 256.4 | 26.5 | 25.8 | 6.0 | 324.5 | 999.9 | 99.9 | 99.9 | 20.7 | 31. |
| 30.5 | 83.2 | 9846.4 | 275.0 | -47.9 | 99.9 | 256.6 | 35.0 | 34.1 | 7.1 | 325.5 | 999.9 | 99.9 | 99.9 | 23.7 | 41. |
| 32.5 | 87.6 | 10468.2 | 250.0 | -53.0 | 99.9 | 259.9 | 41.2 | 38.7 | 14.3 | 327.3 | 999.9 | 99.9 | 99.9 | 25.3 | 44. |
| 34.4 | 92.4 | 11140.3 | 225.0 | -57.5 | 99.9 | 250.8 | 37.8 | 35.7 | 12.4 | 330.3 | 999.9 | 99.9 | 99.9 | 28.3 | 45. |
| 37.2 | 97.4 | 11876.5 | 200.0 | -60.5 | 99.9 | 251.2 | 33.8 | 32.0 | 10.9 | 336.9 | 999.9 | 99.9 | 99.9 | 30.5 | 47. |
| 40.1 | 103.0 | 12706.0 | 175.0 | -60.2 | 99.9 | 253.7 | 33.8 | 32.4 | 9.5 | 350.6 | 999.9 | 99.9 | 99.9 | 34.1 | 44. |
| 43.3 | 109.3 | 13675.7 | 150.0 | -58.0 | 99.9 | 255.2 | 29.6 | 29.5 | 2.5 | 370.2 | 999.9 | 99.9 | 99.9 | 50.2 | 42. |
| 47.0 | 115.8 | 14827.3 | 125.0 | -58.4 | 99.9 | 264.7 | 26.3 | 26.2 | 2.4 | 389.3 | 999.9 | 99.9 | 99.9 | 58.0 | 43. |
| 51.7 | 124.0 | 16245.2 | 100.0 | -58.6 | 99.9 | 262.1 | 21.1 | 20.9 | 2.9 | 422.2 | 999.9 | 99.9 | 99.9 | 63.2 | 42. |
| 57.4 | 133.3 | 18082.1 | 75.0 | -59.8 | 99.9 | 297.4 | 5.7 | 5.0 | -2.7 | 449.7 | 999.9 | 99.9 | 99.9 | 68.0 | 41. |
| 64.4 | 143.0 | 20626.3 | 50.0 | -56.7 | 99.9 | 102.2 | 4.7 | -4.6 | 1.0 | 509.8 | 999.9 | 99.9 | 99.9 | 70.5 | 41. |
| 75.5 | 153.3 | 25090.2 | 25.0 | -50.5 | 99.9 | 29.3 | 1.6 | -0.8 | -1.4 | 639.8 | 999.9 | 99.9 | 99.9 | 71.3 | 41. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 645
GREEN RAY, WIS24 APRIL 1975
2115 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.3 | 210.0 | 989.5 | 7.8 | 1.0 | 70.0 | 5.1 | -4.8 | -1.7 | 282.3 | 293.2 | 4.2 | 62.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 8.3 | 331.7 | 975.0 | 6.9 | 0.3 | 24.4 | 4.1 | -1.7 | -3.7 | 282.7 | 293.2 | 4.0 | 42.7 | 0.2 | 24.2 |
| 1.4 | 10.5 | 544.5 | 950.0 | 4.8 | 1.2 | 30.1 | 4.1 | -2.0 | -3.5 | 282.7 | 294.2 | 4.4 | 77.1 | 0.4 | 22.0 |
| 2.5 | 12.7 | 761.4 | 925.0 | 2.8 | 1.0 | 6.3 | 4.1 | -0.5 | -4.0 | 282.8 | 294.4 | 4.4 | 47.7 | 0.6 | 21.5 |
| 3.2 | 15.0 | 982.7 | 900.0 | 1.1 | 1.1 | 2.9 | 4.4 | -0.2 | -4.4 | 283.3 | 295.3 | 4.6 | 99.8 | 0.8 | 20.5 |
| 3.9 | 17.1 | 1209.3 | 875.0 | 1.0 | -5.4 | 32.4 | 4.6 | -2.6 | -4.0 | 283.2 | 295.3 | 2.9 | 62.1 | 1.0 | 21.4 |
| 4.9 | 19.6 | 1444.1 | 850.0 | 4.0 | -6.9 | 37.2 | 5.3 | -3.2 | -4.2 | 290.7 | 298.2 | 2.7 | 45.0 | 1.2 | 20.8 |
| 5.7 | 21.8 | 1686.8 | 825.0 | 3.6 | -9.3 | 19.7 | 3.4 | -1.2 | -3.2 | 292.7 | 299.2 | 2.2 | 38.1 | 1.5 | 20.5 |
| 6.7 | 24.3 | 1935.9 | 800.0 | 2.1 | -10.7 | 337.1 | 4.8 | 1.9 | -4.4 | 293.6 | 299.9 | 2.2 | 39.2 | 1.6 | 20.5 |
| 7.6 | 26.7 | 2102.0 | 775.0 | 2.5 | -42.9 | 315.4 | 6.4 | 4.5 | -4.5 | 295.5 | 296.9 | 0.1 | 1.8 | 1.8 | 19.6 |
| 8.5 | 29.2 | 2457.0 | 750.0 | 2.6 | -42.9 | 306.7 | 6.9 | 5.5 | -4.1 | 293.4 | 299.8 | 0.1 | 1.8 | 2.0 | 17.7 |
| 9.5 | 31.3 | 2729.9 | 725.0 | 1.2 | -43.1 | 297.4 | 8.6 | 7.6 | -3.9 | 300.7 | 301.1 | 0.1 | 2.0 | 2.2 | 17.7 |
| 10.5 | 34.3 | 3011.2 | 700.0 | -0.5 | -43.5 | 295.2 | 9.6 | 10.9 | -4.1 | 301.9 | 302.3 | 0.1 | 2.3 | 2.5 | 15.5 |
| 11.6 | 37.1 | 3300.7 | 675.0 | -1.8 | -43.8 | 290.0 | 11.6 | 10.9 | -4.0 | 303.6 | 304.0 | 0.1 | 2.3 | 3.0 | 15.4 |
| 12.6 | 39.6 | 3599.7 | 650.0 | -3.7 | -26.1 | 285.0 | 11.7 | 11.3 | -3.0 | 304.8 | 307.1 | 0.1 | 15.8 | 3.6 | 14.7 |
| 13.8 | 42.6 | 3907.9 | 625.0 | -4.2 | -28.1 | 285.6 | 13.0 | 12.6 | -3.5 | 305.4 | 307.7 | 0.7 | 18.9 | 4.2 | 13.5 |
| 14.8 | 45.5 | 4225.9 | 600.0 | -8.0 | -40.6 | 284.6 | 13.7 | 13.0 | -4.4 | 305.9 | 307.5 | 0.2 | 5.2 | 5.0 | 13.1 |
| 16.1 | 48.5 | 4555.1 | 575.0 | -10.3 | -33.1 | 284.0 | 15.1 | 14.6 | -3.7 | 307.9 | 309.3 | 0.4 | 13.3 | 6.0 | 12.6 |
| 17.4 | 51.4 | 4855.7 | 550.0 | -13.0 | -35.4 | 281.2 | 16.1 | 15.8 | -3.1 | 308.6 | 309.8 | 0.3 | 13.1 | 7.1 | 12.4 |
| 18.7 | 54.6 | 5248.4 | 525.0 | -15.8 | -38.6 | 275.3 | 18.1 | 18.0 | -1.7 | 308.6 | 310.5 | 0.3 | 14.7 | 8.3 | 12.0 |
| 20.0 | 57.6 | 5614.6 | 500.0 | -18.5 | -37.9 | 265.9 | 18.1 | 18.1 | 0.0 | 310.5 | 311.5 | 0.3 | 16.1 | 9.6 | 11.6 |
| 21.4 | 61.0 | 5994.5 | 475.0 | -21.8 | -37.4 | 265.6 | 20.1 | 20.0 | 1.6 | 311.0 | 312.0 | 0.3 | 22.7 | 11.0 | 11.2 |
| 22.8 | 64.4 | 6391.4 | 450.0 | -24.1 | -40.0 | 260.1 | 21.8 | 21.8 | 0.4 | 313.0 | 313.9 | 0.3 | 21.2 | 12.7 | 11.0 |
| 24.2 | 67.7 | 6606.7 | 425.0 | -26.0 | -52.7 | 265.9 | 20.9 | 20.9 | 1.5 | 315.6 | 315.8 | 0.1 | 6.1 | 14.4 | 10.5 |
| 25.8 | 71.1 | 7231.8 | 400.0 | -30.1 | -55.3 | 260.9 | 19.5 | 19.5 | 0.0 | 315.8 | 316.0 | 0.1 | 6.5 | 16.1 | 10.4 |
| 27.3 | 75.0 | 7657.6 | 375.0 | -33.6 | -57.6 | 275.4 | 21.8 | 21.8 | -2.0 | 317.0 | 317.1 | 0.0 | 6.5 | 19.0 | 10.3 |
| 29.0 | 79.2 | 8178.2 | 350.0 | -34.9 | -58.8 | 278.9 | 24.3 | 24.2 | -2.1 | 318.9 | 319.1 | 0.1 | 13.5 | 20.4 | 10.2 |
| 30.8 | 83.0 | 8685.7 | 325.0 | -41.8 | -59.9 | 265.9 | 25.3 | 25.3 | 0.5 | 319.1 | 319.9 | 99.9 | 99.9 | 23.0 | 10.1 |
| 32.7 | 87.2 | 9223.2 | 300.0 | -46.2 | -59.9 | 270.9 | 27.9 | 27.9 | -0.4 | 320.2 | 320.9 | 99.9 | 99.9 | 25.9 | 10.0 |
| 34.6 | 91.8 | 9755.9 | 275.0 | -50.4 | -59.9 | 267.1 | 33.4 | 33.4 | 1.7 | 322.2 | 322.9 | 99.9 | 99.9 | 29.4 | 9.8 |
| 36.7 | 96.4 | 10410.8 | 250.0 | -55.4 | -59.9 | 268.4 | 33.2 | 33.2 | 3.4 | 323.2 | 323.9 | 99.9 | 99.9 | 33.7 | 9.7 |
| 39.0 | 101.5 | 11076.3 | 225.0 | -58.1 | -59.9 | 262.1 | 33.7 | 33.4 | 4.7 | 324.4 | 324.9 | 99.9 | 99.9 | 38.4 | 9.5 |
| 41.6 | 107.3 | 11823.0 | 200.0 | -58.1 | -59.9 | 252.4 | 25.5 | 24.3 | 7.7 | 329.4 | 329.9 | 99.9 | 99.9 | 42.8 | 9.3 |
| 44.4 | 113.3 | 12672.9 | 175.0 | -56.7 | -59.9 | 260.8 | 30.6 | 30.2 | 4.9 | 330.4 | 330.9 | 99.9 | 99.9 | 47.3 | 9.2 |
| 47.7 | 119.8 | 13649.2 | 150.0 | -56.2 | -59.9 | 262.8 | 28.0 | 24.8 | 3.1 | 337.3 | 337.9 | 99.9 | 99.9 | 52.7 | 9.1 |
| 51.3 | 127.0 | 14810.8 | 125.0 | -54.8 | -59.9 | 259.1 | 27.2 | 26.7 | 5.2 | 335.8 | 335.8 | 99.9 | 99.9 | 58.2 | 9.0 |
| 55.9 | 135.3 | 16241.1 | 100.0 | -54.6 | -59.9 | 252.1 | 24.7 | 23.5 | 7.6 | 422.3 | 422.3 | 99.9 | 99.9 | 64.7 | 8.8 |
| 61.8 | 143.3 | 18094.8 | 75.0 | -55.3 | -59.9 | 280.4 | 9.2 | 9.1 | -1.7 | 456.9 | 456.9 | 99.9 | 99.9 | 71.9 | 8.6 |
| 70.0 | 152.0 | 20671.4 | 50.0 | -53.6 | -59.9 | 143.7 | 5.6 | -3.3 | 4.5 | 517.3 | 517.3 | 99.9 | 99.9 | 78.0 | 8.4 |
| 83.2 | 160.7 | 25160.1 | 25.0 | -50.7 | -59.9 | 14.4 | 2.8 | -0.7 | -2.7 | 639.3 | 639.3 | 99.9 | 99.9 | 75.5 | 8.4 |

ORIGINAL PAGE IS
OF POOR QUALITY* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654
MURON. S D

24 APRIL 1975
2015 GMT

| TIME MIN | CNTCT | WEIGHT GFN | PRES MB | TEMP DG C | DEW PT DG C | DIP DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.7 | 392.0 | 966.1 | 15.0 | 10.6 | 120.0 | 7.2 | -6.2 | 3.6 | 292.3 | 314.3 | 8.4 | 75.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 10.7 | 516.4 | 950.0 | 12.8 | 8.8 | 132.8 | 6.9 | -5.0 | 4.7 | 291.2 | 310.9 | 7.5 | 76.5 | 0.3 | 299. |
| 1.0 | 13.0 | 739.9 | 925.0 | 10.7 | 6.5 | 141.6 | 7.6 | -4.7 | 6.0 | 291.3 | 311.2 | 7.6 | 86.3 | 0.5 | 304. |
| 1.6 | 15.3 | 968.3 | 905.0 | 9.7 | 6.7 | 159.2 | 8.3 | -1.6 | 8.2 | 292.4 | 310.7 | 6.9 | 81.9 | 0.9 | 315. |
| 2.3 | 17.5 | 1202.5 | 875.0 | 9.3 | 4.4 | 159.3 | 7.8 | 2.6 | 7.4 | 294.3 | 310.5 | 6.0 | 71.0 | 1.1 | 325. |
| 3.1 | 20.1 | 1442.5 | 850.0 | 7.8 | 2.1 | 214.6 | 8.0 | 4.5 | 6.6 | 295.0 | 309.3 | 5.3 | 67.5 | 1.3 | 345. |
| 3.8 | 22.3 | 1688.2 | 825.0 | 6.2 | 0.8 | 222.7 | 7.5 | 5.1 | 5.5 | 295.8 | 309.3 | 4.9 | 68.5 | 1.5 | 355. |
| 4.8 | 25.0 | 1939.6 | 800.0 | 4.0 | 0.5 | 241.6 | 6.2 | 7.2 | 3.9 | 296.0 | 309.7 | 5.0 | 77.8 | 1.8 | 7. |
| 6.7 | 29.9 | 2461.6 | 750.0 | 0.3 | -1.7 | 244.5 | 14.0 | 12.6 | 0.0 | 297.4 | 310.0 | 4.5 | 86.5 | 2.1 | 17. |
| 7.6 | 32.7 | 2732.8 | 725.0 | -1.4 | -5.5 | 250.2 | 15.3 | 13.3 | 7.6 | 298.4 | 308.4 | 3.5 | 74.1 | 3.4 | 38. |
| 8.6 | 35.3 | 3012.0 | 700.0 | -2.4 | -25.0 | 234.1 | 16.4 | 13.3 | 9.6 | 299.4 | 302.2 | 0.7 | 15.8 | 4.3 | 42. |
| 9.6 | 38.0 | 3300.0 | 675.0 | -3.6 | -37.3 | 227.4 | 16.7 | 12.3 | 11.3 | 301.6 | 302.4 | 0.2 | 5.2 | 5.3 | 44. |
| 10.6 | 40.6 | 3597.1 | 650.0 | -5.6 | -47.3 | 221.8 | 16.3 | 10.8 | 12.1 | 302.6 | 302.9 | 0.1 | 2.1 | 6.3 | 44. |
| 11.5 | 43.4 | 3903.1 | 625.0 | -8.0 | -66.9 | 218.6 | 15.9 | 9.9 | 12.4 | 303.2 | 303.5 | 0.1 | 2.6 | 7.2 | 43. |
| 12.5 | 46.4 | 4218.4 | 600.0 | -10.9 | -82.3 | 216.8 | 15.6 | 9.8 | 12.1 | 303.5 | 304.0 | 0.2 | 5.4 | 8.1 | 43. |
| 13.5 | 49.4 | 4543.7 | 575.0 | -13.8 | -98.0 | 217.6 | 15.1 | 9.2 | 12.0 | 303.9 | 304.7 | 0.3 | 11.0 | 9.1 | 42. |
| 14.7 | 52.3 | 4879.6 | 550.0 | -16.5 | -115.2 | 217.4 | 15.2 | 9.2 | 12.1 | 304.5 | 305.6 | 0.3 | 18.1 | 10.1 | 42. |
| 15.9 | 55.3 | 5227.3 | 525.0 | -19.4 | -134.9 | 217.7 | 15.9 | 9.7 | 12.6 | 305.2 | 308.0 | 0.9 | 56.1 | 11.2 | 41. |
| 17.2 | 58.4 | 5586.7 | 500.0 | -21.7 | -154.9 | 221.8 | 16.1 | 10.7 | 12.0 | 306.7 | 309.9 | 1.0 | 74.6 | 12.4 | 41. |
| 18.4 | 61.7 | 5964.6 | 475.0 | -24.6 | -174.7 | 226.7 | 16.0 | 11.7 | 11.0 | 307.5 | 309.6 | 0.7 | 62.6 | 13.6 | 41. |
| 19.8 | 65.2 | 6356.2 | 450.0 | -27.3 | -194.5 | 229.7 | 16.5 | 12.6 | 10.7 | 308.9 | 310.8 | 0.5 | 60.6 | 15.0 | 42. |
| 21.2 | 68.5 | 6765.3 | 425.0 | -30.6 | -214.2 | 235.4 | 19.2 | 15.8 | 10.9 | 309.8 | 311.1 | 0.4 | 55.7 | 16.4 | 43. |
| 23.2 | 71.9 | 7193.3 | 400.0 | -33.5 | -234.2 | 232.6 | 23.1 | 18.4 | 14.1 | 311.4 | 311.8 | 0.1 | 21.5 | 19.1 | 44. |
| 25.2 | 75.7 | 7643.6 | 375.0 | -36.5 | -254.0 | 227.8 | 19.3 | 14.3 | 13.0 | 313.4 | 999.9 | 99.9 | 99.9 | 21.6 | 45. |
| 26.8 | 79.7 | 8117.8 | 350.0 | -40.5 | -273.8 | 213.5 | 18.6 | 10.3 | 15.5 | 314.2 | 999.9 | 99.9 | 99.9 | 23.3 | 45. |
| 28.1 | 83.5 | 8618.3 | 325.0 | -44.6 | -293.6 | 215.2 | 18.2 | 10.5 | 14.9 | 315.1 | 999.9 | 99.9 | 99.9 | 24.8 | 44. |
| 29.8 | 87.6 | 9148.6 | 300.0 | -49.2 | -313.4 | 225.2 | 18.2 | 12.9 | 12.8 | 316.0 | 999.9 | 99.9 | 99.9 | 26.6 | 44. |
| 31.7 | 92.2 | 9717.3 | 275.0 | -50.7 | -333.2 | 234.0 | 20.5 | 16.4 | 12.0 | 321.8 | 999.9 | 99.9 | 99.9 | 28.7 | 44. |
| 33.6 | 96.6 | 10337.3 | 250.0 | -51.1 | -353.0 | 236.6 | 23.9 | 20.0 | 13.2 | 330.1 | 999.9 | 99.9 | 99.9 | 31.5 | 45. |
| 35.9 | 101.5 | 11019.9 | 225.0 | -51.6 | -372.8 | 239.9 | 19.0 | 17.8 | 10.7 | 339.5 | 999.9 | 99.9 | 99.9 | 34.6 | 47. |
| 38.3 | 107.0 | 11760.1 | 200.0 | -53.9 | -392.6 | 245.8 | 19.0 | 17.3 | 7.8 | 347.4 | 999.9 | 99.9 | 99.9 | 36.8 | 48. |
| 41.2 | 112.7 | 12638.2 | 175.0 | -54.1 | -412.4 | 255.4 | 20.6 | 19.9 | 5.2 | 360.6 | 999.9 | 99.9 | 99.9 | 40.0 | 50. |
| 44.5 | 118.8 | 13625.8 | 150.0 | -53.9 | -432.2 | 262.4 | 19.9 | 19.7 | 2.6 | 377.2 | 999.9 | 99.9 | 99.9 | 44.3 | 53. |
| 48.7 | 125.8 | 14801.0 | 125.0 | -53.8 | -451.9 | 255.4 | 17.3 | 16.7 | 4.4 | 397.6 | 999.9 | 99.9 | 99.9 | 48.2 | 55. |
| 53.6 | 133.3 | 16230.8 | 100.0 | -53.8 | -471.7 | 239.7 | 11.2 | 9.7 | 5.7 | 423.7 | 999.9 | 99.9 | 99.9 | 52.8 | 57. |
| 59.5 | 140.8 | 18078.4 | 75.0 | -53.5 | -491.5 | 246.1 | 10.7 | 9.8 | 4.3 | 460.7 | 999.9 | 99.9 | 99.9 | 57.0 | 57. |
| 67.2 | 149.3 | 20691.5 | 50.0 | -53.4 | -511.3 | 257.2 | 4.5 | 2.1 | 4.0 | 517.6 | 999.9 | 99.9 | 99.9 | 58.3 | 57. |
| 78.5 | 157.3 | 25208.4 | 25.0 | -48.8 | -599.9 | 145.9 | 4.2 | -1.0 | 4.1 | 644.8 | 999.9 | 99.9 | 99.9 | 59.3 | 57. |

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 655
ST CLOUD, MINN24 APRIL 1975
2015 GMT

156 29. 0

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.6 | 316.0 | 979.0 | 5.6 | 4.8 | 90.0 | 2.6 | -2.6 | 0.0 | 285.2 | 299.6 | 5.5 | 72.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 7.1 | 345.9 | 975.0 | 8.1 | 2.8 | 82.7 | 3.0 | -3.0 | -0.4 | 284.0 | 296.6 | 4.8 | 69.2 | 0.1 | 257. |
| 0.9 | 9.4 | 563.9 | 950.0 | 6.1 | 3.5 | 89.1 | 3.0 | -3.0 | -0.0 | 284.1 | 297.5 | 5.2 | 83.2 | 0.2 | 259. |
| 1.4 | 11.5 | 782.0 | 925.0 | 4.1 | 3.5 | 100.7 | 3.0 | -2.9 | 0.6 | 284.2 | 298.0 | 5.3 | 95.8 | 0.3 | 267. |
| 2.5 | 13.7 | 1004.3 | 900.0 | 2.1 | 1.9 | 94.1 | 3.0 | -3.0 | 0.2 | 284.3 | 297.1 | 4.9 | 99.0 | 0.5 | 271. |
| 3.4 | 15.3 | 1231.8 | 875.0 | 2.1 | 1.9 | 97.6 | 3.3 | -3.3 | 0.4 | 286.6 | 299.8 | 5.0 | 98.7 | 0.6 | 274. |
| 4.3 | 18.2 | 1466.1 | 850.0 | 1.9 | -1.0 | 109.1 | 3.2 | -3.0 | 1.1 | 288.6 | 299.9 | 4.2 | 81.4 | 0.8 | 275. |
| 5.2 | 20.6 | 1705.6 | 825.0 | 0.6 | -2.9 | 165.5 | 3.0 | -0.7 | 2.9 | 289.7 | 299.9 | 3.7 | 77.2 | 0.9 | 283. |
| 6.1 | 22.9 | 1953.6 | 800.0 | 0.1 | -1.8 | 208.7 | 2.8 | 1.3 | 2.4 | 291.8 | 303.2 | 4.2 | 88.8 | 0.3 | 291. |
| 7.9 | 25.3 | 2207.8 | 775.0 | -0.2 | -19.0 | 259.1 | 2.0 | 1.5 | 0.4 | 297.2 | 297.6 | 1.3 | 27.8 | 0.3 | 297. |
| 8.8 | 27.7 | 2470.6 | 750.0 | 0.6 | -40.0 | 281.2 | 2.6 | 2.0 | 0.4 | 299.2 | 297.8 | 0.2 | 2.9 | 0.8 | 304. |
| 9.9 | 30.3 | 2742.0 | 725.0 | -0.6 | -8.9 | 99.9 | 99.9 | 99.9 | 99.9 | 299.2 | 307.0 | 2.7 | 53.6 | 99.9 | 99.9 |
| 10.9 | 32.9 | 3021.2 | 700.0 | -3.1 | -10.6 | 99.9 | 99.9 | 99.9 | 99.9 | 300.3 | 306.4 | 2.4 | 56.3 | 99.9 | 99.9 |
| 11.7 | 35.5 | 3309.5 | 675.0 | -6.2 | -10.5 | 99.9 | 99.9 | 99.9 | 99.9 | 300.9 | 307.9 | 2.5 | 64.6 | 99.9 | 99.9 |
| 13.1 | 40.8 | 3909.9 | 625.0 | -8.2 | -43.6 | 259.4 | 9.4 | 9.3 | 1.7 | 303.1 | 303.5 | 0.2 | 4.1 | 99.9 | 99.9 |
| 14.2 | 43.6 | 4226.1 | 600.0 | -9.9 | -19.0 | 258.2 | 9.6 | 9.4 | 2.0 | 304.8 | 309.2 | 1.4 | 47.2 | 2.5 | 69. |
| 15.5 | 46.6 | 4553.3 | 575.0 | -12.1 | -22.6 | 259.9 | 8.8 | 8.7 | 0.9 | 306.0 | 309.4 | 1.1 | 41.5 | 3.2 | 71. |
| 16.7 | 49.4 | 4891.7 | 550.0 | -14.6 | -20.5 | 264.4 | 9.4 | 9.4 | 0.9 | 306.9 | 311.1 | 1.4 | 60.9 | 3.9 | 73. |
| 17.8 | 52.4 | 5242.6 | 525.0 | -17.2 | -24.3 | 258.8 | 10.9 | 10.6 | 2.7 | 307.9 | 311.1 | 1.0 | 53.6 | 4.5 | 75. |
| 19.2 | 55.5 | 5607.0 | 500.0 | -19.3 | -36.7 | 252.1 | 14.8 | 13.1 | 6.9 | 309.6 | 310.9 | 0.4 | 24.3 | 5.5 | 73. |
| 20.6 | 58.7 | 5986.4 | 475.0 | -22.2 | -43.5 | 239.9 | 15.5 | 12.8 | 7.6 | 310.8 | 311.8 | 0.3 | 28.6 | 6.4 | 70. |
| 21.9 | 62.0 | 6380.9 | 450.0 | -25.8 | -38.6 | 237.6 | 14.2 | 12.0 | 5.6 | 311.2 | 312.0 | 0.2 | 28.6 | 9.1 | 67. |
| 23.4 | 65.4 | 6792.1 | 425.0 | -29.5 | -41.8 | 242.8 | 12.3 | 10.9 | 3.6 | 312.0 | 312.0 | 0.2 | 42.3 | 10.2 | 67. |
| 25.0 | 69.9 | 7221.6 | 400.0 | -33.1 | -41.5 | 251.3 | 11.2 | 10.6 | 3.7 | 312.5 | 312.9 | 0.2 | 29.8 | 11.3 | 64. |
| 26.5 | 72.5 | 7671.9 | 375.0 | -37.1 | -48.3 | 255.0 | 16.7 | 16.4 | 10.5 | 317.3 | 317.3 | 0.2 | 99.9 | 12.9 | 63. |
| 28.3 | 76.4 | 8145.1 | 350.0 | -41.2 | -59.9 | 259.5 | 16.7 | 16.4 | 14.8 | 321.0 | 321.0 | 0.2 | 99.9 | 23.7 | 70. |
| 30.0 | 80.4 | 8643.7 | 325.0 | -45.6 | -69.9 | 253.7 | 19.7 | 18.9 | 10.9 | 326.9 | 326.9 | 0.2 | 99.9 | 27.4 | 68. |
| 31.8 | 84.7 | 9171.9 | 300.0 | -49.8 | -79.9 | 253.3 | 24.7 | 23.6 | 7.1 | 315.2 | 315.2 | 0.2 | 99.9 | 31.3 | 66. |
| 33.4 | 89.0 | 9735.7 | 275.0 | -53.8 | -89.9 | 258.7 | 28.9 | 26.9 | 10.5 | 317.3 | 317.3 | 0.2 | 99.9 | 35.3 | 71. |
| 35.7 | 93.8 | 10342.8 | 250.0 | -57.2 | -99.9 | 258.7 | 28.5 | 24.4 | 14.8 | 321.0 | 321.0 | 0.2 | 99.9 | 39.9 | 71. |
| 37.9 | 98.8 | 11003.0 | 225.0 | -59.8 | -99.9 | 246.3 | 27.2 | 24.9 | 10.9 | 326.9 | 326.9 | 0.2 | 99.9 | 44.3 | 72. |
| 40.5 | 104.2 | 11743.0 | 200.0 | -57.7 | -99.9 | 256.8 | 25.3 | 24.7 | 5.8 | 341.5 | 341.5 | 0.2 | 99.9 | 49.8 | 72. |
| 43.3 | 110.2 | 12592.8 | 175.0 | -55.6 | -99.9 | 259.6 | 19.7 | 19.3 | 2.6 | 358.1 | 358.1 | 0.2 | 99.9 | 55.6 | 71. |
| 46.6 | 116.7 | 13573.6 | 150.0 | -56.3 | -99.9 | 253.3 | 22.3 | 21.3 | 6.4 | 378.1 | 378.1 | 0.2 | 99.9 | 57.9 | 71. |
| 50.5 | 124.3 | 14738.1 | 125.0 | -56.4 | -99.9 | 250.6 | 17.1 | 16.7 | 4.0 | 392.9 | 392.9 | 0.2 | 99.9 | 57.9 | 71. |
| 55.2 | 132.7 | 16165.2 | 100.0 | -53.8 | -99.9 | 237.2 | 15.7 | 13.2 | 8.5 | 424.2 | 424.2 | 0.2 | 99.9 | 57.9 | 71. |
| 61.5 | 142.0 | 18018.4 | 75.0 | -52.2 | -99.9 | 227.7 | 13.0 | 9.6 | 8.7 | 463.4 | 463.4 | 0.2 | 99.9 | 57.9 | 71. |
| 69.4 | 151.7 | 20614.1 | 50.0 | -52.0 | -99.9 | 225.0 | 1.8 | 1.3 | 1.3 | 521.0 | 521.0 | 0.2 | 99.9 | 57.9 | 71. |
| 99.9 | 99.9 | 99.9 | 25.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 662
RAPID CITY, S D
24 APRIL 1975
2013 GMT

| TIME MIN | CNTCT | HEIGHT GFN | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCMF M/SEC | POT T DG K | E POT T DG K | MR R70 CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 14.1 | 966.0 | 902.1 | 15.6 | 4.6 | 320.0 | 10.3 | 0.6 | -7.9 | 258.2 | 314.5 | 5.9 | 48.0 | 0.0 | 0. |
| 0.9 | 94.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 9.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 9.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 9.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 14.3 | 925.0 | 900.0 | 14.9 | 4.4 | 324.2 | 10.9 | 0.4 | -8.0 | 257.7 | 313.7 | 5.0 | 49.2 | 0.1 | 13. |
| 0.8 | 16.3 | 1221.9 | 875.0 | 10.5 | 2.1 | 334.9 | 13.6 | 5.8 | -12.3 | 293.3 | 309.3 | 5.1 | 56.0 | 0.7 | 15. |
| 1.5 | 18.5 | 1462.5 | 850.0 | 7.9 | 1.1 | 325.9 | 12.2 | 6.9 | -10.1 | 295.1 | 308.5 | 4.9 | 62.1 | 1.2 | 15. |
| 2.3 | 20.7 | 1708.0 | 825.0 | 5.7 | -1.2 | 312.7 | 12.9 | 9.5 | -8.7 | 294.2 | 307.0 | 4.3 | 60.9 | 1.0 | 15. |
| 3.2 | 22.9 | 1459.0 | 800.0 | 3.9 | -3.0 | 304.8 | 14.0 | 11.5 | -8.0 | 293.8 | 306.5 | 3.8 | 60.3 | 2.5 | 14. |
| 4.0 | 25.2 | 2216.3 | 775.0 | 1.6 | -8.7 | 303.9 | 14.1 | 11.7 | -7.0 | 290.0 | 305.8 | 3.5 | 62.9 | 3.2 | 13. |
| 5.1 | 27.5 | 2479.5 | 750.0 | -1.0 | -7.2 | 306.6 | 13.4 | 10.7 | -6.0 | 295.9 | 304.4 | 3.0 | 62.6 | 4.0 | 13. |
| 6.0 | 30.0 | 2749.0 | 725.0 | -2.9 | -11.1 | 302.0 | 15.2 | 12.9 | -8.1 | 290.5 | 303.1 | 2.3 | 53.1 | 4.8 | 13. |
| 6.7 | 32.5 | 3028.1 | 700.0 | -2.3 | -22.1 | 297.4 | 14.2 | 12.6 | -6.5 | 300.0 | 302.9 | 0.9 | 20.1 | 5.4 | 13. |
| 7.4 | 35.1 | 3315.7 | 675.0 | -4.2 | -22.5 | 292.2 | 13.8 | 12.8 | -5.2 | 301.0 | 303.9 | 0.9 | 22.5 | 6.0 | 13. |
| 8.3 | 37.5 | 3612.1 | 650.0 | -6.4 | -20.6 | 288.1 | 13.5 | 12.8 | -4.2 | 301.8 | 305.4 | 1.2 | 31.9 | 6.6 | 12. |
| 9.2 | 40.1 | 3917.5 | 625.0 | -8.2 | -25.1 | 281.8 | 14.8 | 13.7 | -5.5 | 303.2 | 305.7 | 0.8 | 24.4 | 7.3 | 12. |
| 10.1 | 42.7 | 4233.0 | 600.0 | -10.7 | -31.8 | 299.2 | 15.9 | 13.8 | -7.7 | 303.8 | 305.2 | 0.4 | 15.5 | 8.2 | 12. |
| 11.1 | 45.6 | 4599.1 | 575.0 | -12.8 | -30.4 | 307.3 | 14.9 | 11.9 | -9.3 | 305.1 | 306.8 | 0.5 | 21.2 | 9.1 | 12. |
| 12.1 | 48.4 | 4897.3 | 550.0 | -14.4 | -38.4 | 313.6 | 16.5 | 11.9 | -11.4 | 308.9 | 307.8 | 0.2 | 11.0 | 10.3 | 12. |
| 13.2 | 51.3 | 5248.8 | 525.0 | -16.2 | -39.4 | 317.1 | 19.5 | 13.3 | -14.3 | 309.9 | 309.7 | 0.2 | 11.2 | 11.2 | 12. |
| 14.3 | 54.3 | 5613.9 | 500.0 | -19.1 | -41.7 | 316.1 | 19.3 | 13.3 | -13.9 | 309.7 | 310.4 | 0.2 | 11.5 | 12.4 | 12. |
| 15.4 | 57.3 | 5992.1 | 475.0 | -22.5 | -44.2 | 310.1 | 20.9 | 16.0 | -13.4 | 310.1 | 310.6 | 0.2 | 11.8 | 13.7 | 12. |
| 16.5 | 60.3 | 6387.2 | 450.0 | -25.9 | -46.6 | 304.2 | 22.5 | 18.6 | -12.7 | 310.7 | 311.1 | 0.1 | 12.2 | 15.2 | 12. |
| 17.7 | 64.0 | 6797.8 | 425.0 | -29.9 | -49.6 | 301.7 | 24.2 | 20.6 | -12.7 | 310.6 | 311.0 | 0.1 | 12.6 | 16.8 | 12. |
| 18.8 | 67.3 | 7227.5 | 400.0 | -33.1 | -52.0 | 304.5 | 25.1 | 20.7 | -14.2 | 312.0 | 312.2 | 0.1 | 12.9 | 18.5 | 12. |
| 20.0 | 70.9 | 7677.9 | 375.0 | -36.6 | -54.7 | 305.9 | 24.7 | 20.0 | -14.5 | 313.0 | 313.3 | 0.1 | 13.3 | 20.2 | 12. |
| 21.2 | 74.7 | 8151.6 | 350.0 | -40.8 | -58.9 | 305.9 | 23.4 | 19.9 | -13.7 | 313.7 | 313.9 | 99.9 | 99.9 | 22.1 | 12. |
| 22.6 | 78.8 | 8651.1 | 325.0 | -45.2 | -64.2 | 305.4 | 24.2 | 19.7 | -14.0 | 314.4 | 314.2 | 99.9 | 99.9 | 24.0 | 12. |
| 24.1 | 82.8 | 9180.9 | 300.0 | -49.1 | -69.9 | 305.4 | 23.9 | 19.5 | -13.8 | 316.2 | 316.5 | 99.9 | 99.9 | 26.2 | 12. |
| 25.6 | 87.0 | 9746.0 | 275.0 | -53.7 | -74.9 | 300.5 | 26.6 | 23.1 | -13.6 | 317.5 | 317.9 | 99.9 | 99.9 | 28.4 | 12. |
| 27.3 | 91.7 | 10353.5 | 250.0 | -57.1 | -79.9 | 298.3 | 25.1 | 22.1 | -11.9 | 321.2 | 321.9 | 99.9 | 99.9 | 31.0 | 12. |
| 29.0 | 96.6 | 11018.4 | 225.0 | -57.1 | -84.9 | 295.2 | 22.3 | 20.2 | -9.5 | 331.0 | 331.0 | 99.9 | 99.9 | 33.4 | 12. |
| 31.2 | 101.8 | 11764.6 | 200.0 | -56.0 | -89.9 | 269.4 | 26.0 | 20.0 | 0.2 | 344.1 | 344.1 | 99.9 | 99.9 | 35.4 | 12. |
| 33.7 | 107.8 | 12619.6 | 175.0 | -54.9 | -94.9 | 275.1 | 17.1 | 17.0 | -1.5 | 359.3 | 359.3 | 99.9 | 99.9 | 39.0 | 12. |
| 36.8 | 114.3 | 13601.5 | 150.0 | -55.7 | -99.9 | 273.6 | 21.3 | 21.3 | -1.4 | 374.1 | 374.1 | 99.9 | 99.9 | 42.4 | 11. |
| 40.4 | 121.7 | 14723.9 | 125.0 | -55.5 | -99.9 | 265.9 | 25.9 | 24.9 | 1.8 | 394.6 | 394.6 | 99.9 | 99.9 | 46.3 | 11. |
| 44.4 | 129.7 | 16180.9 | 100.0 | -54.0 | -99.9 | 258.6 | 16.3 | 16.0 | 3.2 | 423.5 | 423.5 | 99.9 | 99.9 | 50.7 | 11. |
| 48.1 | 138.3 | 18013.4 | 75.0 | -51.0 | -99.9 | 250.1 | 12.1 | 11.4 | 4.1 | 466.0 | 466.0 | 99.9 | 99.9 | 53.1 | 10. |
| 55.9 | 148.7 | 20632.1 | 50.0 | -52.5 | -99.9 | 314.8 | 2.6 | 1.8 | -1.8 | 519.8 | 519.8 | 99.9 | 99.9 | 54.4 | 10. |
| 67.7 | 156.0 | 25123.7 | 25.0 | -49.8 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 641.4 | 641.4 | 99.9 | 99.9 | 99.9 | 99.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

* BY SPEC MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER

24 APRIL 1975
2026 GMT

| TIME MIN | CTCT | WEIGHT GFW | PRES MB | TEMP DG C | DEW PT DG C | DIP DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTO CM/SEC | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|-------------|----------|
| 0.0 | 9.5 | 100.0 | 995.4 | 25.9 | 17.5 | 210.0 | 3.6 | 1.8 | 3.1 | 301.2 | 235.4 | 12.8 | 60.0 | 0.3 | 0. |
| 0.9 | 9.3 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.8 | 7.9 | 362.2 | 675.0 | 24.1 | 16.5 | 200.2 | 9.7 | 3.4 | 9.1 | 301.1 | 333.8 | 12.2 | 62.4 | 0.3 | 16. |
| 1.7 | 9.9 | 542.2 | 970.0 | 21.9 | 16.2 | 204.4 | 9.1 | 3.8 | 8.3 | 301.1 | 334.0 | 12.3 | 70.1 | 0.8 | 20. |
| 2.4 | 11.9 | 620.3 | 925.0 | 19.3 | 15.4 | 208.6 | 10.2 | 4.9 | 9.0 | 300.6 | 332.7 | 12.0 | 78.3 | 1.2 | 22. |
| 3.2 | 18.2 | 1055.9 | 900.0 | 17.1 | 15.0 | 222.5 | 10.2 | 6.9 | 7.5 | 300.7 | 333.0 | 12.1 | 87.6 | 1.7 | 25. |
| 4.0 | 16.2 | 1256.3 | 875.0 | 15.4 | 14.3 | 234.5 | 10.4 | 8.4 | 6.0 | 301.3 | 333.1 | 11.8 | 93.3 | 2.2 | 31. |
| 4.9 | 18.5 | 1541.8 | 850.0 | 12.8 | 12.2 | 250.5 | 13.7 | 12.9 | 4.6 | 300.9 | 329.5 | 10.0 | 96.4 | 2.7 | 37. |
| 5.7 | 20.7 | 1703.1 | 825.0 | 12.2 | 10.5 | 265.4 | 15.1 | 15.0 | 1.2 | 302.7 | 329.3 | 9.7 | 89.5 | 3.3 | 46. |
| 6.7 | 22.9 | 2050.9 | 800.0 | 10.3 | 9.3 | 283.5 | 17.3 | 17.2 | 2.0 | 303.3 | 328.6 | 9.2 | 93.5 | 4.0 | 54. |
| 7.6 | 25.3 | 2315.4 | 775.0 | 9.2 | 7.5 | 261.4 | 18.0 | 17.8 | 2.7 | 304.8 | 328.3 | 8.5 | 85.2 | 5.0 | 60. |
| 8.7 | 27.6 | 2587.0 | 750.0 | 7.2 | 5.6 | 261.1 | 18.3 | 18.1 | 2.8 | 305.4 | 328.8 | 7.7 | 89.3 | 6.2 | 64. |
| 9.8 | 30.1 | 2865.5 | 725.0 | 5.0 | 3.2 | 263.4 | 17.4 | 17.3 | 2.0 | 305.9 | 324.7 | 6.7 | 87.7 | 7.3 | 77. |
| 11.3 | 32.7 | 3151.5 | 700.0 | 2.9 | 1.7 | 264.5 | 18.1 | 18.0 | 1.7 | 306.5 | 324.2 | 6.2 | 91.8 | 8.4 | 70. |
| 11.9 | 35.3 | 3435.7 | 675.0 | 1.3 | -11.2 | 259.8 | 19.3 | 19.0 | 2.3 | 307.7 | 321.9 | 4.9 | 80.2 | 9.4 | 71. |
| 12.9 | 37.8 | 3750.0 | 650.0 | 1.1 | -29.9 | 262.8 | 18.0 | 17.8 | 2.4 | 310.5 | 319.1 | 2.5 | 39.1 | 10.4 | 72. |
| 13.9 | 40.4 | 4054.4 | 625.0 | -0.8 | -26.9 | 257.1 | 22.1 | 21.5 | 4.9 | 311.7 | 314.4 | 0.8 | 14.5 | 11.7 | 73. |
| 15.0 | 43.1 | 4369.2 | 600.0 | -2.4 | -32.3 | 256.9 | 24.6 | 24.2 | 4.8 | 313.4 | 314.8 | 0.4 | 7.6 | 13.3 | 74. |
| 16.3 | 46.9 | 4692.3 | 575.0 | -4.4 | -36.4 | 273.3 | 27.7 | 27.7 | -1.9 | 315.2 | 316.3 | 0.3 | 9.0 | 15.2 | 74. |
| 17.8 | 49.9 | 5073.0 | 550.0 | -7.5 | -41.3 | 276.3 | 29.2 | 29.0 | -3.2 | 318.3 | 319.0 | 0.2 | 4.9 | 17.4 | 76. |
| 18.9 | 51.9 | 5434.4 | 525.0 | -9.4 | -41.3 | 276.3 | 29.2 | 29.0 | -3.2 | 318.3 | 319.0 | 0.2 | 4.9 | 17.4 | 76. |
| 20.2 | 55.0 | 5813.3 | 500.0 | -12.0 | -21.5 | 282.3 | 29.1 | 28.4 | -6.5 | 319.6 | 323.0 | 1.4 | 44.7 | 21.3 | 80. |
| 21.3 | 58.1 | 6201.3 | 475.0 | -14.3 | -29.2 | 280.8 | 25.9 | 29.3 | -5.6 | 320.3 | 322.7 | 0.7 | 27.0 | 23.3 | 82. |
| 22.6 | 61.4 | 6678.5 | 450.0 | -19.0 | -38.3 | 275.7 | 29.1 | 28.7 | -4.9 | 320.3 | 321.6 | 0.3 | 14.9 | 25.4 | 84. |
| 23.8 | 65.2 | 7032.4 | 425.0 | -21.6 | -53.7 | 279.3 | 28.7 | 28.3 | -4.6 | 321.3 | 321.5 | 0.1 | 3.6 | 27.5 | 85. |
| 25.3 | 68.4 | 7476.3 | 400.0 | -25.1 | -55.4 | 276.3 | 26.7 | 26.5 | -3.9 | 322.3 | 322.5 | 0.0 | 4.0 | 29.7 | 86. |
| 26.8 | 72.0 | 7941.3 | 375.0 | -28.9 | -54.0 | 276.4 | 25.2 | 25.0 | -2.8 | 323.2 | 323.5 | 0.1 | 6.8 | 32.2 | 87. |
| 28.0 | 76.3 | 8430.1 | 350.0 | -32.7 | -41.6 | 275.5 | 22.6 | 22.3 | -3.8 | 323.3 | 324.3 | 0.3 | 44.3 | 34.5 | 88. |
| 30.5 | 80.1 | 8946.6 | 325.0 | -36.8 | -42.3 | 281.3 | 19.1 | 19.0 | -3.8 | 325.9 | 326.9 | 0.3 | 56.2 | 36.9 | 90. |
| 32.3 | 84.5 | 9456.6 | 300.0 | -40.8 | 99.9 | 277.2 | 18.6 | 18.5 | -2.3 | 327.8 | 999.9 | 99.9 | 99.9 | 38.9 | 92. |
| 34.2 | 88.3 | 10031.6 | 275.0 | -46.3 | 99.9 | 281.9 | 16.1 | 15.8 | -3.3 | 328.1 | 999.9 | 99.9 | 99.9 | 42.9 | 94. |
| 36.2 | 94.0 | 10737.4 | 250.0 | -51.5 | 97.9 | 285.1 | 12.8 | 12.3 | -3.3 | 329.6 | 999.9 | 99.9 | 99.9 | 42.4 | 90. |
| 38.1 | 98.2 | 11342.8 | 225.0 | -57.6 | 94.9 | 273.5 | 11.8 | 11.8 | -0.7 | 330.3 | 959.9 | 99.9 | 99.9 | 43.2 | 91. |
| 40.3 | 104.8 | 12111.6 | 200.0 | -62.6 | 99.9 | 263.3 | 19.4 | 19.3 | 2.2 | 333.6 | 999.9 | 99.9 | 99.9 | 45.5 | 90. |
| 42.8 | 111.7 | 12937.1 | 175.0 | -62.5 | 99.9 | 278.9 | 32.7 | 32.3 | -5.1 | 346.7 | 999.9 | 99.9 | 99.9 | 42.8 | 91. |
| 45.7 | 117.8 | 13855.9 | 150.0 | -61.2 | 99.9 | 275.4 | 29.7 | 29.5 | -2.8 | 346.7 | 999.9 | 99.9 | 99.9 | 55.5 | 91. |
| 49.0 | 125.4 | 15026.6 | 125.0 | -61.2 | 99.9 | 262.8 | 29.2 | 29.2 | -2.6 | 348.1 | 999.9 | 99.9 | 99.9 | 61.0 | 91. |
| 52.7 | 134.5 | 16391.9 | 100.0 | -65.9 | 99.9 | 274.2 | 18.5 | 18.5 | -1.3 | 400.5 | 999.9 | 99.9 | 99.9 | 60.4 | 91. |
| 57.6 | 143.7 | 18122.3 | 75.0 | -68.4 | 99.9 | 273.3 | 8.0 | 8.0 | -0.5 | 429.5 | 999.9 | 99.9 | 99.9 | 70.6 | 91. |
| 64.4 | 154.0 | 20606.9 | 50.0 | -60.7 | 99.9 | 274.6 | 5.1 | 5.1 | -0.4 | 500.4 | 999.9 | 99.9 | 99.9 | 72.5 | 91. |
| 74.8 | 165.5 | 25018.5 | 25.0 | -51.8 | 99.9 | 41.5 | 5.6 | -3.7 | -4.2 | 635.8 | 999.9 | 99.9 | 99.9 | 73.2 | 92. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 1 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 2 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE 10
OF POOR QUALITY

Sounding Data

25 April 1975

0000 GMT

PLATE IS

ORIGINAL PAGE IS

STATION NO. 200
CHARLESTON, SC24 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DC C | DRY PT DC C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCOMP M/SEC | PCT V DG K | E POT DG K | MR RTO CM/KG | MR PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|------------------|---------------|---------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.6 | 13.0 | 1018.3 | 22.2 | 15.5 | 210.0 | 7.2 | 3.6 | 6.2 | 255.3 | 324.2 | 11.0 | 66.0 | 0.0 | 0 |
| 0.4 | 5.9 | 170.8 | 1000.0 | 21.2 | 14.9 | 217.9 | 7.9 | 4.9 | 6.3 | 295.8 | 324.1 | 10.7 | 67.1 | 0.3 | 25 |
| 1.1 | 8.1 | 385.6 | 975.0 | 19.1 | 14.5 | 213.5 | 9.1 | 5.0 | 7.6 | 295.8 | 324.1 | 10.8 | 75.0 | 0.6 | 30 |
| 1.8 | 10.3 | 612.7 | 950.0 | 17.1 | 12.9 | 218.5 | 10.9 | 6.2 | 9.0 | 295.9 | 322.2 | 9.9 | 76.3 | 1.1 | 31 |
| 2.6 | 12.4 | 840.5 | 925.0 | 16.6 | 12.1 | 231.8 | 9.7 | 7.7 | 6.0 | 257.7 | 325.2 | 10.3 | 79.7 | 1.6 | 34 |
| 3.5 | 14.7 | 1074.2 | 900.0 | 15.9 | 10.9 | 249.3 | 10.0 | 9.4 | 3.5 | 299.1 | 323.8 | 9.2 | 72.3 | 2.0 | 41 |
| 4.2 | 16.8 | 1313.5 | 875.0 | 14.5 | 9.0 | 252.7 | 11.4 | 10.9 | 3.4 | 300.0 | 322.5 | 8.3 | 69.5 | 2.5 | 47 |
| 5.2 | 19.2 | 1558.2 | 850.0 | 12.8 | 7.2 | 255.9 | 11.2 | 10.2 | 4.6 | 300.6 | 321.1 | 7.5 | 66.4 | 3.0 | 52 |
| 6.1 | 21.4 | 1809.6 | 825.0 | 10.9 | 3.9 | 278.9 | 12.4 | 10.6 | 6.5 | 301.0 | 318.3 | 6.3 | 62.6 | 3.7 | 51 |
| 7.0 | 23.9 | 2064.9 | 800.0 | 10.2 | -11.5 | 264.9 | 11.8 | 10.9 | 4.6 | 302.3 | 308.3 | 2.8 | 28.5 | 4.3 | 54 |
| 8.0 | 26.2 | 2329.0 | 775.0 | 10.4 | -7.7 | 250.7 | 12.8 | 12.1 | 4.2 | 305.4 | 313.6 | 2.6 | 27.1 | 5.0 | 57 |
| 8.9 | 29.8 | 2601.1 | 750.0 | 8.7 | -0.9 | 256.8 | 12.5 | 12.2 | 2.9 | 306.7 | 320.5 | 4.8 | 51.1 | 5.7 | 54 |
| 9.8 | 31.4 | 2841.3 | 725.0 | 7.6 | -2.6 | 259.0 | 12.6 | 12.6 | 0.2 | 308.3 | 321.1 | 4.4 | 48.5 | 6.3 | 61 |
| 10.6 | 34.1 | 3165.9 | 700.0 | 7.1 | -11.6 | 274.1 | 13.2 | 13.1 | -0.9 | 310.6 | 317.5 | 2.3 | 25.1 | 7.0 | 64 |
| 11.9 | 36.7 | 3488.0 | 675.0 | 4.9 | -6.5 | 273.8 | 13.5 | 13.4 | -0.9 | 311.6 | 322.0 | 3.5 | 43.6 | 7.8 | 68 |
| 13.9 | 39.4 | 3774.6 | 650.0 | 2.3 | -5.8 | 279.9 | 14.8 | 14.5 | -2.5 | 312.0 | 323.4 | 3.8 | 55.3 | 8.6 | 71 |
| 14.0 | 42.1 | 4050.4 | 625.0 | 0.2 | -8.4 | 287.8 | 15.2 | 15.4 | -4.9 | 313.1 | 322.9 | 3.2 | 52.3 | 9.5 | 74 |
| 15.2 | 45.0 | 4418.6 | 600.0 | -1.8 | -7.6 | 295.7 | 15.0 | 13.5 | -6.5 | 314.5 | 325.4 | 3.6 | 64.6 | 10.3 | 76 |
| 16.4 | 48.1 | 4754.3 | 575.0 | -4.1 | -9.1 | 291.0 | 14.8 | 13.8 | -5.3 | 315.6 | 325.8 | 3.3 | 67.6 | 11.2 | 81 |
| 17.7 | 50.9 | 5103.3 | 550.0 | -7.1 | -10.7 | 289.9 | 15.5 | 14.6 | -5.3 | 316.0 | 325.4 | 2.1 | 75.6 | 12.3 | 84 |
| 19.1 | 54.1 | 5464.7 | 525.0 | -9.7 | -15.8 | 294.1 | 13.2 | 12.4 | -4.3 | 317.0 | 323.7 | 2.1 | 61.1 | 13.4 | 87 |
| 20.5 | 57.1 | 5935.6 | 500.0 | -12.6 | -17.4 | 284.9 | 12.4 | 11.2 | -5.2 | 317.8 | 324.0 | 1.9 | 67.2 | 14.4 | 94 |
| 21.6 | 60.6 | 6279.9 | 475.0 | -14.8 | -20.1 | 282.6 | 12.0 | 10.6 | -5.8 | 319.8 | 325.1 | 1.6 | 64.1 | 15.2 | 90 |
| 23.1 | 64.0 | 6637.5 | 450.0 | -17.3 | -25.2 | 297.9 | 12.2 | 10.8 | -7.4 | 322.9 | 325.2 | 1.1 | 49.9 | 16.1 | 91 |
| 24.6 | 67.3 | 7063.8 | 425.0 | -20.3 | -44.4 | 301.4 | 14.2 | 12.1 | -6.0 | 323.4 | 323.5 | 0.2 | 9.4 | 17.0 | 91 |
| 26.2 | 70.9 | 7505.2 | 400.0 | -24.3 | -47.1 | 295.0 | 14.1 | 12.8 | -6.0 | 323.4 | 323.9 | 0.1 | 9.9 | 18.3 | 91 |
| 29.3 | 74.5 | 7976.5 | 375.0 | -27.4 | -49.3 | 285.0 | 14.4 | 13.3 | -6.5 | 325.3 | 325.7 | 0.1 | 10.2 | 20.9 | 91 |
| 30.5 | 79.8 | 8465.2 | 350.0 | -31.3 | -52.1 | 291.1 | 14.2 | 13.2 | -5.1 | 327.0 | 326.8 | 0.1 | 10.7 | 21.9 | 91 |
| 32.6 | 83.0 | 8908.9 | 325.0 | -36.0 | -55.5 | 290.6 | 14.0 | 13.1 | -4.9 | 326.4 | 327.2 | 0.1 | 11.2 | 23.7 | 91 |
| 34.8 | 87.2 | 9376.8 | 300.0 | -41.2 | -59.9 | 291.2 | 14.6 | 13.7 | -5.3 | 327.3 | 327.3 | 0.1 | 11.2 | 25.6 | 107 |
| 37.3 | 91.6 | 10123.5 | 275.0 | -45.8 | -59.9 | 292.2 | 17.4 | 16.1 | -6.6 | 329.0 | 329.9 | 0.1 | 99.9 | 27.8 | 101 |
| 40.1 | 96.4 | 10750.6 | 250.0 | -51.4 | -59.9 | 289.8 | 15.9 | 15.0 | -5.4 | 326.6 | 329.9 | 0.1 | 99.9 | 30.6 | 102 |
| 43.3 | 101.3 | 11427.5 | 225.0 | -55.3 | -59.9 | 287.1 | 14.3 | 13.7 | -4.2 | 333.7 | 329.9 | 0.1 | 99.9 | 33.6 | 103 |
| 46.7 | 107.3 | 12108.3 | 200.0 | -61.3 | -59.9 | 286.9 | 18.0 | 17.7 | -3.4 | 335.8 | 329.9 | 0.1 | 99.9 | 36.9 | 104 |
| 50.5 | 113.3 | 12901.7 | 175.0 | -62.6 | -59.9 | 284.7 | 30.6 | 29.6 | -7.2 | 346.7 | 329.9 | 0.1 | 99.9 | 42.1 | 102 |
| 55.1 | 116.7 | 13948.2 | 150.0 | -59.5 | -59.9 | 288.7 | 25.9 | 24.5 | -6.3 | 367.7 | 329.9 | 0.1 | 99.9 | 50.2 | 103 |
| 60.3 | 127.3 | 15078.1 | 125.0 | -62.5 | -59.9 | 295.5 | 25.2 | 24.3 | -6.7 | 379.9 | 329.9 | 0.1 | 99.9 | 54.8 | 104 |
| 64.2 | 132.8 | 16432.7 | 100.0 | -65.4 | -59.9 | 272.8 | 20.0 | 20.0 | -1.0 | 393.7 | 329.9 | 0.1 | 99.9 | 63.6 | 104 |
| 73.6 | 142.7 | 18157.9 | 75.0 | -68.9 | -59.9 | 312.7 | 4.4 | 4.7 | -4.4 | 428.6 | 329.9 | 0.1 | 99.9 | 70.4 | 105 |
| 84.1 | 151.5 | 20628.1 | 50.0 | -62.5 | -59.9 | 278.0 | 3.0 | 3.0 | -0.3 | 496.3 | 329.9 | 0.1 | 99.9 | 73.1 | 105 |
| 100.0 | 160.7 | 25012.5 | 25.0 | -53.3 | -59.9 | 454.6 | 8.5 | -7.8 | -3.5 | 631.6 | 329.9 | 0.1 | 99.9 | 76.0 | 108 |

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0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 C

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OF POOR QUALITY

STATION NO. 211
TAMPA, FLA24 APRIL 1975
2315 GMT

| TIME MIN | CATCY | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTO CM/SEC | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|-------------|----------|
| 0.0 | 4.5 | 8.0 | 1018.7 | 24.8 | 16.5 | 295.0 | 5.2 | 4.7 | -2.2 | 298.2 | 330.4 | 11.7 | 56.0 | 0.0 | 0. |
| 0.7 | 6.2 | 170.7 | 1000.0 | 23.6 | 16.4 | 318.2 | 4.7 | 3.3 | -3.4 | 298.2 | 328.0 | 10.4 | 56.4 | 0.3 | 111. |
| 1.6 | 6.5 | 391.0 | 975.0 | 22.1 | 14.3 | 304.1 | 4.4 | 3.7 | -2.5 | 298.0 | 327.1 | 10.6 | 61.6 | 0.5 | 126. |
| 2.3 | 10.9 | 617.7 | 950.0 | 21.7 | 13.0 | 306.7 | 1.9 | 1.5 | -1.1 | 300.6 | 327.5 | 10.8 | 57.8 | 0.7 | 120. |
| 3.3 | 13.3 | 848.8 | 925.0 | 20.5 | 10.5 | 102.3 | 2.2 | -2.2 | 0.5 | 301.4 | 325.1 | 8.7 | 52.9 | 0.6 | 124. |
| 4.3 | 15.7 | 1094.9 | 900.0 | 18.4 | 9.2 | 108.3 | 3.9 | -3.7 | 1.2 | 301.5 | 323.9 | 8.2 | 55.2 | 0.5 | 130. |
| 5.2 | 18.1 | 1325.0 | 875.0 | 16.0 | 8.0 | 106.0 | 5.5 | -5.2 | 1.9 | 301.4 | 322.6 | 7.7 | 58.9 | 0.2 | 157. |
| 6.1 | 20.6 | 1571.5 | 850.0 | 13.9 | 7.4 | 113.1 | 5.7 | -5.2 | 3.0 | 301.7 | 322.0 | 7.7 | 58.9 | 0.2 | 239. |
| 7.1 | 23.1 | 1822.5 | 825.0 | 11.6 | 7.1 | 122.5 | 6.3 | -5.3 | 3.4 | 301.9 | 321.1 | 7.7 | 73.8 | 0.5 | 276. |
| 8.1 | 25.5 | 2075.2 | 800.0 | 9.2 | 4.8 | 120.4 | 5.3 | -4.6 | 2.7 | 301.8 | 320.5 | 6.8 | 73.8 | 0.8 | 289. |
| 9.1 | 28.1 | 2362.2 | 775.0 | 9.6 | -13.3 | 101.7 | 2.9 | -2.9 | 0.6 | 304.4 | 309.8 | 1.8 | 14.4 | 1.1 | 270. |
| 10.3 | 30.9 | 2615.0 | 750.0 | 10.1 | -15.2 | 343.0 | 2.1 | 0.6 | -2.1 | 307.8 | 312.6 | 1.6 | 15.2 | 1.2 | 287. |
| 11.3 | 33.7 | 2865.8 | 725.0 | 9.0 | -13.3 | 350.2 | 5.4 | 0.9 | -5.3 | 305.6 | 315.4 | 1.9 | 19.2 | 1.0 | 277. |
| 12.3 | 36.3 | 3115.4 | 700.0 | 7.4 | -8.5 | 351.6 | 7.5 | 1.1 | -7.4 | 311.0 | 319.8 | 2.9 | 31.6 | 1.0 | 252. |
| 13.6 | 39.2 | 3403.5 | 675.0 | 5.8 | -7.6 | 347.6 | 8.4 | 1.8 | -8.2 | 312.5 | 322.2 | 3.2 | 37.6 | 1.2 | 225. |
| 14.7 | 42.0 | 3791.7 | 650.0 | 3.5 | -6.4 | 322.0 | 9.3 | 1.2 | -5.2 | 313.4 | 325.4 | 3.7 | 48.4 | 1.7 | 206. |
| 15.9 | 45.0 | 4109.4 | 625.0 | 1.8 | -8.0 | 2.0 | 9.8 | -0.4 | -9.9 | 315.0 | 323.1 | 3.3 | 47.9 | 2.3 | 195. |
| 17.1 | 48.1 | 4437.3 | 600.0 | -0.5 | -10.5 | 359.6 | 9.5 | 0.7 | -9.5 | 315.9 | 324.7 | 2.9 | 46.5 | 3.0 | 195. |
| 18.4 | 51.0 | 4776.7 | 575.0 | -2.5 | -12.5 | 342.3 | 10.5 | 3.2 | -10.0 | 317.4 | 325.3 | 2.5 | 46.1 | 3.7 | 190. |
| 19.8 | 54.3 | 5129.1 | 550.0 | -3.7 | -16.4 | 325.1 | 8.9 | 5.1 | -7.3 | 319.5 | 326.1 | 1.9 | 36.6 | 4.4 | 193. |
| 21.3 | 57.4 | 5494.6 | 525.0 | -6.6 | -17.0 | 320.8 | 7.9 | 5.0 | -6.1 | 320.7 | 326.8 | 1.9 | 43.4 | 5.0 | 172. |
| 22.8 | 60.9 | 5873.7 | 500.0 | -9.6 | -17.4 | 308.1 | 8.4 | 6.6 | -5.2 | 321.5 | 327.6 | 1.9 | 52.6 | 5.5 | 173. |
| 24.4 | 64.5 | 6267.6 | 475.0 | -12.9 | -19.9 | 308.3 | 9.2 | 7.2 | -5.7 | 322.1 | 327.5 | 1.7 | 55.4 | 6.2 | 167. |
| 26.0 | 67.9 | 6677.5 | 450.0 | -16.1 | -25.3 | 320.2 | 11.0 | 7.1 | -6.5 | 323.1 | 328.0 | 1.1 | 44.8 | 7.0 | 162. |
| 27.7 | 71.4 | 7105.8 | 425.0 | -18.9 | -27.9 | 315.2 | 13.4 | 9.1 | -9.5 | 324.8 | 327.9 | 0.9 | 44.5 | 8.1 | 159. |
| 29.4 | 75.3 | 7555.2 | 400.0 | -21.5 | -32.9 | 302.6 | 15.5 | 13.0 | -10.4 | 327.1 | 329.2 | 0.6 | 34.7 | 9.4 | 154. |
| 31.2 | 79.5 | 8026.9 | 375.0 | -25.9 | -36.1 | 303.2 | 15.8 | 13.3 | -10.7 | 327.1 | 328.9 | 0.5 | 37.5 | 10.9 | 150. |
| 33.1 | 83.5 | 8522.0 | 350.0 | -29.9 | -37.9 | 292.1 | 15.9 | 14.7 | -10.3 | 328.1 | 329.9 | 0.4 | 45.2 | 12.5 | 145. |
| 35.0 | 87.7 | 9046.1 | 325.0 | -33.7 | -42.0 | 282.7 | 19.5 | 19.0 | -8.3 | 330.1 | 331.2 | 0.3 | 42.2 | 14.1 | 140. |
| 37.3 | 92.3 | 9602.3 | 300.0 | -38.5 | -47.5 | 285.9 | 21.2 | 20.4 | -5.8 | 331.1 | 331.7 | 0.2 | 37.6 | 14.3 | 134. |
| 39.4 | 97.3 | 10194.2 | 275.0 | -43.0 | -52.9 | 299.2 | 26.8 | 23.4 | -13.0 | 332.9 | 332.9 | 99.9 | 99.9 | 19.1 | 131. |
| 41.8 | 101.8 | 10830.6 | 250.0 | -47.7 | -59.9 | 297.6 | 30.0 | 26.6 | -13.9 | 335.1 | 335.1 | 99.9 | 99.9 | 23.3 | 129. |
| 44.6 | 107.5 | 11517.3 | 225.0 | -53.8 | -69.9 | 294.5 | 33.0 | 29.8 | -14.2 | 336.1 | 336.1 | 99.9 | 99.9 | 28.4 | 127. |
| 47.5 | 113.3 | 12262.9 | 200.0 | -60.1 | -79.9 | 290.5 | 31.3 | 29.2 | -11.1 | 337.6 | 337.6 | 99.9 | 99.9 | 33.9 | 125. |
| 50.5 | 119.5 | 13066.5 | 175.0 | -66.0 | -99.9 | 286.3 | 27.4 | 26.3 | -7.7 | 341.0 | 341.0 | 99.9 | 99.9 | 38.6 | 122. |
| 54.1 | 128.5 | 14041.0 | 150.0 | -59.9 | -99.9 | 297.9 | 22.9 | 20.2 | -16.7 | 347.8 | 347.8 | 99.9 | 99.9 | 41.5 | 122. |
| 58.3 | 138.3 | 15141.4 | 125.0 | -15.7 | -59.9 | 274.3 | 23.4 | 23.2 | -2.6 | 376.0 | 376.0 | 99.9 | 99.9 | 44.2 | 120. |
| 63.3 | 142.3 | 16459.7 | 100.0 | -65.8 | -99.9 | 286.7 | 8.6 | 8.4 | -5.8 | 393.0 | 393.0 | 99.9 | 99.9 | 54.9 | 114. |
| 69.3 | 150.7 | 18192.5 | 75.0 | -72.0 | -99.9 | 331.2 | 5.9 | 2.8 | -5.2 | 422.0 | 422.0 | 99.9 | 99.9 | 57.0 | 110. |
| 77.5 | 160.0 | 20436.0 | 50.0 | -60.4 | -99.9 | 312.2 | 4.7 | 3.5 | -3.2 | 501.2 | 501.2 | 99.9 | 99.9 | 57.5 | 110. |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

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 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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OF POOR QUALITY

STATION NO. 213
WAYCROSS, GA24 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | PH PCT | RANGE KM | AZ DG |
|-------------|-------|--------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 3.7 | 48.0 | 1013.5 | 27.0 | 14.7 | 190.0 | 3.2 | 0.6 | 3.2 | 300.4 | 328.6 | 10.5 | 47.0 | 0.0 | 0. |
| 0.4 | 4.8 | 122.6 | 1000.0 | 26.6 | 15.2 | 224.3 | 6.5 | 4.5 | 4.6 | 301.2 | 320.8 | 11.0 | 49.8 | 0.2 | 58. |
| 1.1 | 6.8 | 385.6 | 975.0 | 25.4 | 13.3 | 225.2 | 5.8 | 4.1 | 4.1 | 301.1 | 327.9 | 9.9 | 49.9 | 0.4 | 51. |
| 2.0 | 9.0 | 617.5 | 950.0 | 22.5 | 12.7 | 223.3 | 6.5 | 4.5 | 4.7 | 301.4 | 327.9 | 9.8 | 53.7 | 0.7 | 44. |
| 2.8 | 10.9 | 643.9 | 925.0 | 20.4 | 11.7 | 223.2 | 5.4 | 3.8 | 3.9 | 301.4 | 326.8 | 9.4 | 57.3 | 1.0 | 47. |
| 3.5 | 12.2 | 1079.7 | 900.0 | 17.9 | 10.9 | 222.8 | 5.8 | 3.9 | 4.2 | 301.2 | 326.1 | 9.2 | 63.6 | 1.3 | 46. |
| 4.5 | 15.4 | 320.3 | 875.0 | 15.7 | 10.4 | 222.0 | 5.5 | 4.0 | 3.8 | 301.3 | 326.1 | 9.1 | 71.0 | 1.6 | 48. |
| 5.3 | 17.5 | 1565.9 | 850.0 | 13.4 | 9.1 | 222.6 | 5.5 | 4.4 | 3.4 | 301.3 | 326.1 | 8.6 | 75.3 | 1.8 | 46. |
| 6.2 | 20.0 | 1816.6 | 825.0 | 11.0 | 7.7 | 223.6 | 5.6 | 4.9 | 2.8 | 301.3 | 323.2 | 8.0 | 80.1 | 2.1 | 49. |
| 7.1 | 22.2 | 2073.3 | 800.0 | 9.0 | 7.0 | 237.5 | 6.4 | 5.4 | 3.4 | 301.8 | 323.4 | 7.9 | 87.3 | 2.4 | 49. |
| 7.9 | 24.6 | 2336.1 | 775.0 | 8.2 | -0.5 | 238.5 | 6.1 | 5.2 | 2.2 | 303.3 | 316.9 | 4.8 | 54. | 2.9 | 50. |
| 8.8 | 26.9 | 2607.8 | 750.0 | 9.5 | -1.9 | 243.4 | 6.0 | 5.4 | 2.7 | 307.5 | 320.6 | 4.5 | 45.4 | 3.1 | 51. |
| 9.7 | 29.2 | 2882.7 | 725.0 | 6.0 | -1.5 | 265.3 | 6.8 | 6.7 | 0.6 | 308.9 | 322.7 | 4.7 | 50.8 | 3.4 | 53. |
| 10.6 | 32.1 | 3177.6 | 700.0 | 7.0 | -12.2 | 282.9 | 8.6 | 8.4 | -1.9 | 310.5 | 317.1 | 2.1 | 24.0 | 3.7 | 57. |
| 11.6 | 34.8 | 3476.2 | 675.0 | 9.7 | -7.5 | 289.9 | 9.3 | 8.8 | -3.2 | 312.5 | 322.2 | 3.2 | 37.9 | 4.1 | 61. |
| 12.7 | 37.3 | 3788.0 | 650.0 | 3.8 | -11.1 | 291.7 | 9.9 | 9.2 | -3.7 | 313.6 | 321.4 | 2.5 | 32.5 | 4.5 | 63. |
| 13.8 | 40.1 | 4101.2 | 625.0 | 1.4 | -9.4 | 296.3 | 10.5 | 9.4 | -4.7 | 314.4 | 323.7 | 3.0 | 44.6 | 5.1 | 75. |
| 14.9 | 42.9 | 4428.4 | 600.0 | -1.3 | -11.5 | 300.6 | 11.0 | 10.0 | -5.9 | 314.9 | 323.1 | 2.6 | 45.8 | 5.4 | 60. |
| 16.0 | 45.0 | 4745.9 | 575.0 | -4.3 | -17.9 | 301.1 | 11.4 | 9.8 | -5.9 | 315.4 | 326.6 | 3.7 | 76.3 | 6.2 | 65. |
| 17.2 | 48.6 | 5115.2 | 550.0 | -6.9 | -10.2 | 302.0 | 11.1 | 9.5 | -5.9 | 316.2 | 326.0 | 3.2 | 77.1 | 6.8 | 64. |
| 18.5 | 51.5 | 5477.2 | 525.0 | -8.3 | -15.8 | 310.9 | 10.4 | 7.9 | -6.8 | 318.6 | 325.4 | 2.1 | 54.5 | 7.5 | 63. |
| 19.7 | 54.6 | 5854.3 | 500.0 | -11.1 | -19.3 | 307.8 | 11.6 | 9.4 | -7.3 | 319.7 | 325.1 | 1.6 | 50.3 | 8.1 | 58. |
| 21.0 | 57.7 | 6246.2 | 475.0 | -14.0 | -22.7 | 307.8 | 11.6 | 9.2 | -7.1 | 320.7 | 325.0 | 1.3 | 47.6 | 9.0 | 99. |
| 22.4 | 61.0 | 6654.4 | 450.0 | -16.9 | -22.9 | 304.8 | 10.9 | 9.0 | -6.2 | 322.1 | 326.6 | 1.3 | 59.4 | 9.4 | 102. |
| 23.9 | 64.4 | 7081.0 | 425.0 | -20.3 | -25.3 | 298.4 | 10.5 | 9.2 | -5.0 | 323.0 | 326.8 | 1.1 | 64.1 | 10.7 | 103. |
| 25.6 | 67.8 | 7527.0 | 400.0 | -24.1 | -27.2 | 302.8 | 10.0 | 12.0 | -7.2 | 323.8 | 327.2 | 1.0 | 75.4 | 11.9 | 105. |
| 27.3 | 71.3 | 7994.4 | 375.0 | -27.5 | -31.6 | 298.1 | 17.5 | 15.4 | -8.3 | 325.2 | 326.0 | 0.2 | 20.9 | 13.5 | 117. |
| 29.0 | 75.2 | 8497.6 | 350.0 | -30.8 | -32.9 | 293.0 | 19.4 | 17.9 | -7.6 | 327.2 | 327.2 | 0.0 | 20.9 | 15.3 | 138. |
| 30.8 | 79.2 | 9008.2 | 325.0 | -35.6 | -39.4 | 286.2 | 18.4 | 17.6 | -5.1 | 327.5 | 327.6 | 0.0 | 6.6 | 17.4 | 154. |
| 32.6 | 83.2 | 9598.8 | 300.0 | -41.0 | -39.9 | 285.8 | 17.6 | 16.9 | -4.8 | 327.5 | 327.6 | 0.0 | 99.9 | 19.6 | 178. |
| 34.6 | 87.3 | 10148.5 | 275.0 | -45.6 | -39.9 | 257.0 | 17.5 | 15.6 | -7.9 | 324.2 | 327.9 | 99.9 | 99.9 | 21.4 | 108. |
| 36.8 | 92.0 | 10773.1 | 250.0 | -50.1 | -39.9 | 255.3 | 20.3 | 18.4 | -8.7 | 331.6 | 327.9 | 99.9 | 99.9 | 23.6 | 108. |
| 39.2 | 97.0 | 11453.6 | 225.0 | -55.3 | -39.9 | 287.4 | 17.3 | 16.4 | -5.3 | 333.7 | 327.9 | 99.9 | 99.9 | 26.4 | 110. |
| 41.7 | 102.0 | 12197.6 | 200.0 | -59.3 | -39.9 | 278.2 | 21.9 | 21.8 | -2.0 | 338.6 | 327.9 | 99.9 | 99.9 | 29.5 | 109. |
| 44.5 | 107.8 | 13025.6 | 175.0 | -61.1 | -39.9 | 278.8 | 31.6 | 31.2 | -4.8 | 349.2 | 327.9 | 99.9 | 99.9 | 33.5 | 107. |
| 48.0 | 114.0 | 13990.6 | 150.0 | -59.0 | -39.9 | 283.3 | 25.2 | 24.5 | -5.2 | 368.4 | 327.9 | 99.9 | 99.9 | 39.2 | 108. |
| 51.9 | 121.0 | 15123.6 | 125.0 | -63.1 | -39.9 | 281.2 | 22.1 | 21.7 | -4.3 | 380.7 | 327.9 | 99.9 | 99.9 | 45.0 | 108. |
| 56.7 | 128.7 | 16475.3 | 100.0 | -68.8 | -39.9 | 278.8 | 9.9 | 9.9 | -1.0 | 429.4 | 327.9 | 99.9 | 99.9 | 49.8 | 106. |
| 62.4 | 137.3 | 18187.0 | 75.0 | -68.5 | -39.9 | 298.8 | 8.5 | 7.4 | -4.1 | 459.4 | 327.9 | 99.9 | 99.9 | 54.0 | 106. |
| 70.2 | 146.3 | 20659.0 | 50.0 | -62.9 | -39.9 | 340.5 | 4.1 | 1.4 | -3.9 | 455.3 | 327.9 | 99.9 | 99.9 | 55.8 | 137. |
| 83.0 | 156.5 | 25077.9 | 25.0 | -50.9 | -39.9 | 26.7 | 4.1 | -1.8 | -3.6 | 638.5 | 327.9 | 99.9 | 99.9 | 56.8 | 110. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 220
APALACHICOLA, FLA24 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|--------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.7 | 11.0 | 1020.0 | 22.6 | 18.8 | 150.0 | 2.6 | -1.3 | 2.3 | 295.5 | 331.1 | 13.8 | 79.0 | 0.0 | 0. |
| 0.7 | 6.1 | 183.0 | 1000.0 | 20.4 | 17.3 | 99.9 | 99.9 | 99.9 | 59.9 | 295.3 | 324.0 | 12.6 | 82.4 | 599.9 | 99.9 |
| 1.3 | 8.1 | 401.0 | 975.0 | 19.6 | 14.8 | 99.9 | 99.9 | 99.9 | 59.9 | 296.3 | 325.3 | 11.0 | 79.1 | 999.9 | 99.9 |
| 2.2 | 10.2 | 626.0 | 950.0 | 19.4 | 11.2 | 99.9 | 99.9 | 99.9 | 99.9 | 298.1 | 321.9 | 8.9 | 59.1 | 999.9 | 99.9 |
| 2.8 | 12.1 | 854.9 | 925.0 | 18.1 | 10.1 | 55.9 | 99.9 | 99.9 | 99.9 | 298.9 | 321.7 | 8.4 | 59.5 | 999.9 | 99.9 |
| 3.7 | 14.3 | 1065.2 | 900.0 | 16.3 | 9.0 | 99.9 | 99.9 | 99.9 | 55.5 | 299.3 | 321.3 | 8.1 | 62.3 | 999.9 | 99.9 |
| 4.5 | 16.3 | 1328.5 | 875.0 | 14.8 | 8.7 | 99.9 | 99.9 | 99.9 | 99.9 | 300.3 | 322.4 | 8.1 | 65.7 | 999.9 | 99.9 |
| 5.4 | 18.5 | 1573.5 | 850.0 | 13.0 | 7.6 | 99.9 | 99.9 | 99.9 | 99.9 | 300.8 | 322.0 | 7.7 | 69.5 | 999.9 | 99.9 |
| 6.1 | 20.7 | 1828.4 | 825.0 | 12.7 | -1.4 | 99.9 | 99.9 | 99.9 | 99.9 | 302.6 | 315.0 | 4.4 | 39.4 | 999.9 | 99.9 |
| 7.0 | 23.0 | 2082.8 | 800.0 | 12.3 | 2.2 | 99.9 | 99.9 | 99.9 | 99.9 | 305.0 | 320.9 | 5.6 | 45.8 | 999.9 | 99.9 |
| 7.9 | 25.3 | 2348.5 | 775.0 | 10.7 | 1.3 | 99.9 | 99.9 | 99.9 | 99.9 | 307.7 | 321.6 | 5.5 | 52.4 | 999.9 | 99.9 |
| 8.9 | 27.6 | 2621.5 | 750.0 | 9.6 | -1.3 | 99.9 | 99.9 | 99.9 | 99.9 | 307.7 | 321.2 | 4.7 | 46.5 | 999.9 | 99.9 |
| 9.7 | 30.1 | 2902.6 | 725.0 | 9.6 | -10.0 | 99.9 | 99.9 | 99.9 | 99.9 | 310.3 | 317.8 | 2.5 | 23.8 | 999.9 | 99.9 |
| 10.7 | 32.7 | 3193.0 | 700.0 | 8.1 | -13.0 | 99.9 | 99.9 | 99.9 | 99.9 | 311.7 | 316.0 | 2.0 | 21.1 | 999.9 | 99.9 |
| 11.7 | 35.3 | 3492.3 | 675.0 | 6.1 | -5.5 | 99.9 | 99.9 | 99.9 | 99.9 | 313.0 | 324.3 | 3.8 | 43.2 | 999.9 | 99.9 |
| 12.6 | 37.8 | 3800.2 | 650.0 | 3.7 | -6.7 | 348.5 | 5.2 | 1.0 | -5.1 | 313.6 | 324.4 | 3.6 | 46.3 | 1.2 | 4P. |
| 13.9 | 40.5 | 4117.7 | 625.0 | 1.6 | -9.1 | 339.7 | 8.1 | 2.8 | -7.6 | 314.6 | 324.0 | 3.1 | 44.8 | 1.1 | 67. |
| 14.9 | 43.1 | 4445.1 | 600.0 | -1.2 | -10.6 | 332.6 | 10.2 | 3.0 | -9.7 | 315.1 | 323.9 | 2.8 | 43.4 | 1.2 | 97. |
| 16.1 | 46.0 | 4783.2 | 575.0 | -3.4 | -11.2 | 344.2 | 11.5 | 3.1 | -11.0 | 316.4 | 325.1 | 2.8 | 54.8 | 1.7 | 121. |
| 17.3 | 49.0 | 5133.5 | 550.0 | -5.7 | -13.3 | 342.0 | 10.9 | 3.4 | -10.3 | 317.6 | 325.4 | 2.8 | 54.6 | 2.4 | 135. |
| 18.4 | 51.9 | 5492.4 | 525.0 | -8.4 | -14.1 | 333.2 | 10.1 | 4.5 | -9.0 | 318.6 | 326.3 | 2.4 | 63.3 | 3.0 | 141. |
| 19.8 | 55.0 | 5873.4 | 500.0 | -10.8 | -16.5 | 315.9 | 9.8 | 6.8 | -7.0 | 320.1 | 329.8 | 2.1 | 62.8 | 3.8 | 141. |
| 21.2 | 58.0 | 6265.7 | 475.0 | -13.8 | -18.3 | 301.7 | 10.5 | 8.9 | -5.5 | 321.8 | 327.2 | 1.9 | 68.4 | 4.6 | 135. |
| 22.7 | 61.4 | 6678.4 | 450.0 | -17.2 | -22.1 | 259.9 | 10.7 | 9.3 | -5.3 | 321.8 | 326.5 | 1.4 | 65.3 | 5.6 | 135. |
| 24.2 | 65.0 | 7105.4 | 425.0 | -20.2 | -25.4 | 301.9 | 12.6 | 10.7 | -6.6 | 323.1 | 326.9 | 1.1 | 62.9 | 6.5 | 133. |
| 25.8 | 68.3 | 7547.1 | 400.0 | -23.6 | -29.4 | 301.0 | 15.2 | 13.0 | -7.8 | 324.4 | 327.2 | 0.8 | 58.2 | 7.9 | 131. |
| 27.5 | 71.9 | 8015.6 | 375.0 | -26.8 | -35.7 | 302.6 | 17.6 | 14.8 | -9.5 | 326.1 | 327.9 | 0.5 | 42.5 | 9.5 | 130. |
| 29.1 | 75.8 | 8509.3 | 350.0 | -31.0 | -41.1 | 301.6 | 16.5 | 14.1 | -8.7 | 326.9 | 328.0 | 0.3 | 36.1 | 11.2 | 129. |
| 31.0 | 80.0 | 9020.2 | 325.0 | -35.8 | -45.0 | 286.6 | 20.0 | 17.8 | -8.9 | 327.2 | 328.0 | 0.2 | 37.9 | 13.2 | 127. |
| 33.1 | 84.2 | 9582.4 | 300.0 | -38.9 | -56.8 | 311.2 | 22.3 | 16.8 | -14.7 | 330.5 | 330.7 | 0.1 | 12.8 | 15.7 | 126. |
| 35.3 | 88.4 | 10174.0 | 275.0 | -42.9 | -59.9 | 316.7 | 28.3 | 19.4 | -20.6 | 333.0 | 999.9 | 99.9 | 99.9 | 19.0 | 124. |
| 37.7 | 93.4 | 10839.4 | 250.0 | -48.1 | -59.9 | 318.0 | 31.0 | 20.8 | -23.1 | 334.5 | 999.9 | 99.9 | 99.9 | 23.6 | 130. |
| 40.2 | 98.4 | 11494.2 | 225.0 | -54.4 | -59.9 | 318.7 | 29.9 | 21.3 | -21.0 | 335.1 | 999.9 | 99.9 | 99.9 | 28.0 | 131. |
| 43.1 | 103.8 | 12238.4 | 200.0 | -60.2 | -59.9 | 311.5 | 29.4 | 22.0 | -19.5 | 337.5 | 999.9 | 99.9 | 99.9 | 33.9 | 131. |
| 46.3 | 110.0 | 13064.0 | 175.0 | -63.1 | -59.9 | 302.2 | 25.2 | 21.3 | -13.4 | 345.9 | 999.9 | 99.9 | 99.9 | 38.3 | 131. |
| 50.3 | 116.7 | 14017.1 | 150.0 | -61.2 | -59.9 | 301.6 | 28.0 | 20.5 | -12.6 | 364.6 | 999.9 | 99.9 | 99.9 | 46.5 | 129. |
| 54.7 | 124.3 | 15142.4 | 125.0 | -64.4 | -59.9 | 289.1 | 21.8 | 20.6 | -7.2 | 378.4 | 999.9 | 99.9 | 99.9 | 51.7 | 127. |
| 60.1 | 133.0 | 16469.4 | 100.0 | -69.3 | -59.9 | 295.1 | 15.8 | 14.3 | -6.7 | 393.8 | 999.9 | 99.9 | 99.9 | 57.5 | 126. |
| 66.4 | 142.0 | 18157.0 | 75.0 | -70.4 | -59.9 | 320.8 | 10.6 | 6.7 | -8.2 | 425.3 | 999.9 | 99.9 | 99.9 | 61.9 | 126. |
| 75.6 | 152.0 | 20660.8 | 50.0 | -61.6 | -59.9 | 348.1 | 6.6 | 1.7 | -6.4 | 498.4 | 999.9 | 99.9 | 99.9 | 63.5 | 126. |
| 90.6 | 162.3 | 25086.7 | 25.0 | -51.5 | -59.9 | 66.3 | 5.5 | -5.1 | -2.0 | 637.1 | 999.9 | 99.9 | 99.9 | 64.5 | 130. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
 OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 226
CFMTERVILLE, ALA24 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GFN | PRES MB | TEMP DG C | CFW PT CG C | DIA DG | SPEED M/SEC | U COMP M/SEC | V CCMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.4 | 140.0 | 1000.6 | 25.9 | 19.8 | 210.0 | 7.2 | 3.6 | 6.2 | 300.9 | 337.6 | 13.8 | 65.0 | 0.0 | 0. |
| 0.5 | 6.5 | 145.3 | 1000.0 | 25.8 | 19.8 | 205.5 | 7.2 | 3.1 | 6.5 | 300.8 | 337.5 | 13.8 | 65.1 | 0.0 | 4. |
| 1.0 | 6.8 | 367.8 | 975.0 | 23.3 | 17.2 | 169.2 | 9.8 | -1.6 | 9.7 | 300.3 | 334.3 | 12.8 | 68.4 | 0.4 | 40. |
| 1.4 | 11.1 | 554.3 | 950.0 | 21.2 | 16.4 | 180.6 | 11.3 | 0.1 | 11.3 | 300.4 | 333.5 | 12.5 | 73.8 | 0.8 | 9. |
| 2.4 | 13.6 | 825.3 | 925.0 | 19.6 | 16.1 | 200.8 | 11.3 | 4.0 | 10.6 | 300.8 | 334.3 | 12.6 | 81.4 | 1.5 | 12. |
| 3.4 | 15.9 | 1061.1 | 900.0 | 17.7 | 15.7 | 218.8 | 11.3 | 6.5 | 9.3 | 301.4 | 335.2 | 12.6 | 88.6 | 2.1 | 16. |
| 4.3 | 18.4 | 1302.0 | 875.0 | 15.8 | 13.9 | 229.3 | 12.7 | 9.7 | 8.3 | 301.7 | 332.6 | 11.5 | 88.4 | 2.7 | 22. |
| 5.2 | 20.8 | 1548.3 | 850.0 | 14.7 | 11.0 | 243.0 | 14.3 | 12.7 | 6.5 | 302.9 | 329.5 | 9.8 | 78.4 | 3.4 | 30. |
| 6.3 | 23.4 | 1800.6 | 825.0 | 12.9 | 8.4 | 252.7 | 15.1 | 11.6 | 3.6 | 303.4 | 326.6 | 8.4 | 74.1 | 4.1 | 37. |
| 7.3 | 25.9 | 2058.9 | 800.0 | 11.6 | 6.7 | 265.6 | 11.6 | 11.6 | 0.7 | 304.6 | 322.6 | 7.7 | 71.7 | 4.8 | 43. |
| 8.4 | 28.7 | 2324.2 | 775.0 | 10.3 | 2.5 | 275.8 | 13.7 | 13.5 | -2.3 | 305.7 | 322.6 | 6.0 | 52.5 | 5.1 | 50. |
| 9.5 | 31.4 | 2596.6 | 750.0 | 8.8 | -0.8 | 281.1 | 14.5 | 14.2 | -2.8 | 306.8 | 320.7 | 4.8 | 50.9 | 5.9 | 54. |
| 10.7 | 34.0 | 2876.5 | 725.0 | 7.3 | -9.0 | 272.1 | 14.4 | 12.3 | -0.5 | 308.0 | 319.5 | 3.9 | 44.2 | 6.6 | 63. |
| 11.7 | 36.6 | 3165.8 | 700.0 | 6.2 | -17.2 | 263.2 | 14.2 | 14.1 | 1.7 | 313.7 | 316.2 | 1.4 | 14.6 | 7.3 | 66. |
| 12.8 | 35.5 | 3465.2 | 675.0 | 7.1 | -13.9 | 265.6 | 15.6 | 15.5 | 1.3 | 313.8 | 319.8 | 1.9 | 20.6 | 8.4 | 68. |
| 14.0 | 42.2 | 3774.2 | 650.0 | 4.9 | -15.7 | 270.4 | 15.6 | 15.6 | -0.1 | 314.7 | 320.1 | 1.7 | 20.8 | 9.4 | 70. |
| 15.0 | 45.1 | 4092.3 | 625.0 | 2.2 | -19.1 | 277.8 | 15.2 | 15.0 | -2.0 | 315.2 | 319.9 | 1.5 | 20.4 | 10.3 | 72. |
| 16.3 | 48.3 | 4420.6 | 600.0 | -0.1 | -24.6 | 286.5 | 15.9 | 14.7 | -4.9 | 316.1 | 319.0 | 0.9 | 13.4 | 11.3 | 75. |
| 17.6 | 51.3 | 4750.4 | 575.0 | -3.1 | -29.3 | 295.7 | 16.9 | 14.9 | -8.1 | 316.5 | 319.3 | 0.8 | 15.9 | 12.1 | 78. |
| 19.1 | 54.4 | 5105.2 | 550.0 | -6.4 | -26.6 | 302.3 | 17.8 | 15.1 | -9.5 | 316.5 | 319.2 | 0.8 | 18.2 | 13.5 | 83. |
| 20.5 | 57.5 | 5471.1 | 525.0 | -9.1 | -20.1 | 292.6 | 19.1 | 17.6 | -7.3 | 317.6 | 323.0 | 0.7 | 19.9 | 14.8 | 87. |
| 21.9 | 60.9 | 5846.2 | 500.0 | -12.5 | -20.9 | 285.2 | 22.1 | 21.3 | -5.8 | 318.0 | 322.6 | 1.4 | 49.3 | 16.4 | 89. |
| 23.3 | 64.3 | 6215.8 | 475.0 | -15.0 | -40.2 | 283.0 | 21.7 | 21.1 | -5.2 | 319.4 | 320.3 | 0.2 | 9.7 | 18.3 | 91. |
| 24.8 | 67.6 | 6642.6 | 450.0 | -17.7 | -46.2 | 288.1 | 20.5 | 19.5 | -6.4 | 321.0 | 321.5 | 0.1 | 6.1 | 20.1 | 92. |
| 26.3 | 71.0 | 7067.7 | 425.0 | -20.3 | -47.9 | 285.9 | 19.6 | 17.9 | -5.1 | 322.9 | 323.3 | 0.1 | 6.4 | 21.7 | 93. |
| 28.0 | 74.9 | 7514.2 | 400.0 | -23.5 | -49.9 | 286.0 | 17.4 | 16.7 | -4.6 | 324.4 | 324.8 | 0.1 | 6.7 | 23.5 | 94. |
| 29.9 | 78.9 | 7982.3 | 375.0 | -27.7 | -52.6 | 281.5 | 21.3 | 20.8 | -4.2 | 324.9 | 325.2 | 0.1 | 7.2 | 25.4 | 95. |
| 31.9 | 82.5 | 8475.0 | 350.0 | -31.4 | -55.1 | 280.4 | 19.1 | 18.8 | -3.5 | 326.4 | 326.6 | 0.1 | 7.5 | 28.1 | 96. |
| 34.2 | 86.6 | 8955.5 | 325.0 | -35.3 | -57.8 | 282.6 | 22.5 | 21.9 | -4.9 | 327.9 | 328.1 | 0.0 | 7.9 | 30.9 | 97. |
| 36.3 | 91.3 | 9547.7 | 300.0 | -40.0 | -61.0 | 284.3 | 24.2 | 23.2 | -6.9 | 328.9 | 329.0 | 0.0 | 8.4 | 33.9 | 97. |
| 39.6 | 95.6 | 10134.4 | 275.0 | -44.6 | 99.9 | 284.3 | 24.2 | 23.2 | -5.8 | 330.6 | 999.9 | 99.9 | 999.9 | 37.2 | 98. |
| 41.2 | 100.3 | 10767.5 | 250.0 | -49.5 | 99.9 | 285.2 | 22.3 | 21.5 | -5.8 | 332.5 | 999.9 | 99.9 | 999.9 | 41.1 | 99. |
| 43.9 | 105.6 | 11449.8 | 225.0 | -54.6 | 99.9 | 290.0 | 20.6 | 27.8 | -10.1 | 334.6 | 999.9 | 99.9 | 999.9 | 44.9 | 99. |
| 47.0 | 111.0 | 12194.6 | 200.0 | -59.7 | 99.9 | 287.0 | 35.0 | 33.5 | -10.2 | 338.3 | 999.9 | 99.9 | 999.9 | 50.8 | 101. |
| 50.3 | 117.0 | 13022.2 | 175.0 | -63.1 | 99.9 | 278.0 | 28.1 | 27.4 | -4.3 | 345.9 | 999.9 | 99.9 | 999.9 | 57.1 | 101. |
| 54.3 | 124.0 | 13976.6 | 150.0 | -60.7 | 99.9 | 285.7 | 31.5 | 30.3 | -8.5 | 365.5 | 999.9 | 99.9 | 999.9 | 64.4 | 100. |
| 58.7 | 131.0 | 15105.0 | 125.0 | -64.4 | 99.9 | 279.7 | 26.6 | 26.2 | -4.5 | 378.4 | 999.9 | 99.9 | 999.9 | 71.7 | 101. |
| 64.0 | 139.0 | 16457.3 | 100.0 | -67.3 | 99.9 | 270.0 | 17.9 | 17.9 | -0.0 | 397.7 | 999.9 | 99.9 | 999.9 | 79.7 | 100. |
| 71.0 | 1.7.3 | 18183.5 | 75.0 | -66.3 | 99.9 | 285.0 | 14.3 | 13.8 | -3.7 | 433.9 | 999.9 | 99.9 | 999.9 | 87.7 | 99. |
| 80.6 | 156.5 | 20643.4 | 50.0 | -61.0 | 99.9 | 332.4 | 4.1 | 1.9 | -3.6 | 499.8 | 999.9 | 99.9 | 999.9 | 90.3 | 94. |
| 96.6 | 166.3 | 25067.1 | 25.0 | -53.0 | 99.9 | 343.0 | 6.4 | 1.7 | -6.2 | 632.8 | 999.9 | 99.9 | 999.9 | 91.6 | 102. |

* BY SPEC MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 232
HOOTHVILLE, LA24 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.8 | 1.0 | 1017.9 | 24.0 | 21.7 | 150.0 | 3.6 | -1.8 | 3.1 | 297.8 | 340.3 | 16.3 | 87.0 | 0.0 | 0. |
| 0.5 | 6.3 | 157.0 | 1000.0 | 23.5 | 22.5 | 170.1 | 6.8 | -1.2 | 6.7 | 299.0 | 344.5 | 17.5 | 94.4 | 0.2 | 323. |
| 1.2 | 8.8 | 378.3 | 975.0 | 21.4 | -1.0 | 177.3 | 8.3 | -0.4 | 8.2 | 298.9 | 341.6 | 16.3 | 97.6 | 0.5 | 340. |
| 1.9 | 11.1 | 604.0 | 950.0 | 20.1 | 19.8 | 182.8 | 8.1 | 0.4 | 8.0 | 299.7 | 340.5 | 15.5 | 97.6 | 0.8 | 344. |
| 2.5 | 13.7 | 834.9 | 925.0 | 15.3 | 19.0 | 201.1 | 7.3 | 2.6 | 6.8 | 301.0 | 341.1 | 15.1 | 98.1 | 1.1 | 354. |
| 3.2 | 16.0 | 1070.7 | 900.0 | 16.8 | 16.5 | 203.2 | 7.7 | 3.0 | 7.1 | 300.6 | 336.0 | 13.3 | 97.9 | 1.4 | 1. |
| 4.0 | 18.6 | 1310.4 | 875.0 | 15.0 | 9.7 | 201.4 | 6.0 | 2.2 | 5.6 | 300.6 | 324.2 | 8.7 | 70.9 | 1.7 | 5. |
| 5.0 | 20.9 | 1557.1 | 850.0 | 15.9 | 7.1 | 184.0 | 6.4 | 0.5 | 6.4 | 303.8 | 324.6 | 7.5 | 55.8 | 2.0 | 7. |
| 5.6 | 23.7 | 1810.2 | 825.0 | 15.0 | -3.8 | 177.9 | 6.6 | -0.5 | 6.6 | 305.0 | 315.2 | 3.5 | 27.0 | 2.3 | 6. |
| 6.5 | 26.1 | 2065.9 | 800.0 | 13.2 | 5.2 | 176.4 | 6.5 | -0.4 | 6.5 | 306.2 | 325.7 | 7.0 | 58.1 | 2.6 | 5. |
| 7.4 | 28.9 | 2336.3 | 775.0 | 11.7 | -7.9 | 171.1 | 6.7 | -1.0 | 6.5 | 306.7 | 314.9 | 2.7 | 28.7 | 3.0 | 4. |
| 8.4 | 31.9 | 2605.6 | 750.0 | 10.0 | -7.1 | 166.2 | 7.2 | -1.7 | 6.9 | 307.9 | 310.8 | 3.0 | 29.3 | 3.3 | 2. |
| 9.3 | 34.6 | 2890.9 | 725.0 | 9.5 | -19.0 | 167.3 | 6.8 | -1.5 | 6.6 | 310.5 | 314.3 | 1.2 | 11.3 | 3.8 | 0. |
| 10.3 | 37.2 | 3181.7 | 700.0 | 9.3 | -44.2 | 161.3 | 4.0 | -1.3 | 3.8 | 312.8 | 313.2 | 0.1 | 1.0 | 4.1 | 35. |
| 11.2 | 40.1 | 3481.9 | 675.0 | 7.7 | -24.1 | 156.9 | 1.9 | -0.6 | 1.8 | 314.4 | 317.1 | 0.8 | 8.3 | 4.2 | 35. |
| 12.3 | 42.9 | 3791.6 | 650.0 | 5.8 | -24.7 | 178.8 | 1.5 | -0.0 | 1.5 | 315.6 | 318.2 | 0.8 | 9.0 | 4.3 | 35. |
| 13.3 | 46.1 | 4110.5 | 625.0 | 2.8 | -20.4 | 182.3 | 2.3 | 0.1 | 2.3 | 315.8 | 314.7 | 1.2 | 16.1 | 4.4 | 35. |
| 14.3 | 48.2 | 4439.0 | 600.0 | -0.0 | -15.9 | 182.6 | 2.9 | 0.1 | 2.9 | 316.3 | 322.2 | 1.8 | 29.1 | 4.6 | 35. |
| 15.3 | 52.1 | 4778.3 | 575.0 | -2.6 | -13.0 | 212.2 | 4.1 | 2.2 | 3.5 | 317.3 | 324.9 | 2.4 | 44.4 | 4.8 | 35. |
| 16.6 | 55.4 | 5129.5 | 550.0 | -5.2 | -15.0 | 226.5 | 6.1 | 4.4 | 4.2 | 318.2 | 325.0 | 2.2 | 45.7 | 5.0 | 2. |
| 17.8 | 58.7 | 5457.5 | 525.0 | -7.6 | -16.9 | 237.0 | 7.9 | 6.6 | 4.3 | 319.6 | 325.7 | 1.9 | 46.8 | 5.4 | 6. |
| 19.0 | 62.1 | 5871.8 | 500.0 | -9.6 | -18.5 | 266.2 | 9.9 | 9.9 | 0.7 | 321.4 | 323.9 | 0.7 | 19.5 | 5.7 | 12. |
| 20.5 | 65.6 | 6266.6 | 475.0 | -11.9 | -38.6 | 276.2 | 12.2 | 12.2 | -1.3 | 323.2 | 324.2 | 0.3 | 8.8 | 5.9 | 21. |
| 21.9 | 69.1 | 6677.3 | 450.0 | -15.6 | -42.5 | 272.2 | 12.8 | 12.7 | -0.5 | 323.5 | 324.1 | 0.2 | 7.8 | 6.3 | 30. |
| 23.4 | 72.7 | 7106.5 | 425.0 | -18.5 | -39.0 | 279.6 | 15.8 | 15.6 | -2.6 | 325.2 | 326.3 | 0.3 | 14.5 | 6.9 | 40. |
| 24.9 | 76.7 | 7556.0 | 400.0 | -21.6 | -38.3 | 274.9 | 19.4 | 19.3 | -1.7 | 327.6 | 328.1 | 0.3 | 20.4 | 7.9 | 50. |
| 26.5 | 80.5 | 8027.8 | 375.0 | -25.6 | -46.6 | 275.2 | 18.4 | 18.4 | -1.7 | 327.6 | 328.2 | 0.1 | 11.8 | 9.3 | 58. |
| 28.1 | 84.7 | 8524.8 | 350.0 | -29.0 | -48.9 | 279.1 | 16.6 | 16.4 | -2.6 | 329.5 | 330.0 | 0.1 | 12.8 | 10.6 | 63. |
| 29.9 | 88.8 | 9050.3 | 325.0 | -32.8 | -44.7 | 295.0 | 23.2 | 21.0 | -5.8 | 331.3 | 332.1 | 0.2 | 29.1 | 12.1 | 70. |
| 31.9 | 93.4 | 9509.3 | 300.0 | -36.8 | -51.5 | 256.1 | 28.1 | 25.2 | -12.3 | 333.4 | 333.8 | 0.1 | 19.9 | 14.5 | 74. |
| 34.0 | 98.2 | 10294.9 | 275.0 | -41.9 | 99.9 | 295.1 | 29.5 | 26.7 | -12.5 | 334.5 | 333.8 | 99.9 | 99.9 | 17.0 | 81. |
| 36.3 | 103.2 | 10842.0 | 250.0 | -47.5 | 99.9 | 293.8 | 33.1 | 30.3 | -13.4 | 335.5 | 334.5 | 99.9 | 99.9 | 21.3 | 94. |
| 38.5 | 108.6 | 11530.5 | 225.0 | -53.1 | 99.9 | 286.8 | 34.8 | 33.3 | -16.0 | 337.2 | 337.2 | 99.9 | 99.9 | 25.9 | 95. |
| 41.1 | 114.0 | 12275.9 | 200.0 | -58.7 | 99.9 | 287.1 | 35.4 | 33.8 | -10.4 | 339.6 | 339.6 | 99.9 | 99.9 | 31.1 | 97. |
| 44.2 | 120.3 | 13108.2 | 175.0 | -64.0 | 99.9 | 300.7 | 37.6 | 32.3 | -19.2 | 344.3 | 344.3 | 99.9 | 99.9 | 36.1 | 100. |
| 47.3 | 127.0 | 14046.6 | 150.0 | -65.9 | 99.9 | 269.2 | 31.5 | 31.5 | 0.5 | 356.6 | 356.6 | 99.9 | 99.9 | 43.4 | 102. |
| 51.6 | 134.7 | 15162.6 | 125.0 | -65.6 | 99.9 | 268.0 | 21.8 | 23.7 | 0.8 | 376.2 | 376.2 | 99.9 | 99.9 | 50.8 | 101. |
| 56.3 | 141.7 | 16508.4 | 100.0 | -68.4 | 99.9 | 273.9 | 12.9 | 12.9 | -0.9 | 395.6 | 395.6 | 99.9 | 99.9 | 57.4 | 100. |
| 62.4 | 146.7 | 18216.0 | 75.0 | -69.1 | 99.9 | 257.9 | 12.6 | 11.1 | -5.9 | 428.1 | 428.1 | 99.9 | 99.9 | 62.6 | 99. |
| 70.5 | 158.0 | 20692.4 | 50.0 | -59.4 | 99.9 | 23.8 | 9.1 | -3.7 | -8.4 | 503.4 | 503.4 | 99.9 | 99.9 | 68.0 | 100. |
| 83.4 | 164.7 | 25132.1 | 25.0 | -49.9 | 99.9 | 40.7 | 6.0 | -3.9 | -4.5 | 641.6 | 641.6 | 99.9 | 99.9 | 63.8 | 104. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 235
JACKSON, MISS24 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP CG C | DEW PT CG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.0 | 100.0 | 1004.0 | 27.4 | 18.9 | 190.0 | 5.7 | 1.0 | 5.6 | 302.1 | 339.2 | 13.9 | 60.0 | 0.0 | 0. |
| 0.1 | 5.3 | 135.6 | 1000.0 | 27.2 | 19.3 | 181.2 | 6.4 | 0.1 | 6.4 | 302.3 | 340.4 | 14.3 | 62.3 | 0.1 | 3. |
| 0.9 | 7.4 | 359.5 | 975.0 | 25.4 | 17.2 | 175.0 | 8.7 | -0.8 | 8.6 | 302.4 | 336.9 | 12.8 | 60.8 | 0.6 | 4. |
| 1.7 | 5.8 | 587.6 | 950.0 | 23.5 | 17.0 | 191.3 | 8.9 | 1.8 | 8.8 | 302.8 | 337.7 | 13.0 | 67.3 | 1.0 | 3. |
| 2.5 | 11.4 | 820.6 | 925.0 | 22.0 | 17.0 | 192.3 | 6.6 | 1.4 | 6.4 | 303.6 | 339.4 | 13.3 | 73.3 | 1.4 | 6. |
| 3.4 | 14.4 | 1056.3 | 900.0 | 19.4 | 17.2 | 193.0 | 6.5 | 1.5 | 6.3 | 303.4 | 340.7 | 13.9 | 87.2 | 1.7 | 7. |
| 4.5 | 16.2 | 1100.8 | 875.0 | 17.2 | 16.2 | 197.6 | 7.4 | 2.3 | 7.0 | 303.4 | 339.4 | 13.4 | 93.7 | 2.1 | 9. |
| 5.3 | 16.2 | 1548.2 | 850.0 | 15.0 | 13.9 | 210.2 | 9.4 | 4.7 | 8.1 | 303.4 | 335.6 | 11.9 | 93.6 | 2.5 | 11. |
| 6.1 | 21.5 | 1801.1 | 825.0 | 13.3 | 12.1 | 221.3 | 11.6 | 7.7 | 6.8 | 308.1 | 333.7 | 10.9 | 92.6 | 3.0 | 18. |
| 7.0 | 24.1 | 2055.9 | 800.0 | 11.4 | 10.0 | 223.3 | 12.0 | 8.2 | 8.7 | 308.6 | 331.4 | 9.7 | 91.4 | 3.6 | 20. |
| 7.8 | 26.5 | 2325.4 | 775.0 | 10.1 | 8.0 | 229.7 | 12.4 | 9.4 | 8.0 | 305.9 | 330.2 | 8.8 | 86.8 | 4.2 | 24. |
| 8.6 | 28.1 | 2557.8 | 750.0 | 7.9 | 5.8 | 236.1 | 11.7 | 9.7 | 6.5 | 308.1 | 327.9 | 7.8 | 86.9 | 4.7 | 27. |
| 9.4 | 31.9 | 2878.2 | 725.0 | 9.8 | -10.7 | 241.2 | 10.3 | 9.0 | 4.9 | 310.5 | 317.8 | 2.4 | 22.6 | 5.1 | 30. |
| 10.5 | 34.7 | 3168.6 | 700.0 | 7.9 | -11.0 | 239.6 | 10.9 | 9.4 | 5.5 | 311.5 | 318.7 | 2.3 | 24.8 | 5.6 | 34. |
| 11.6 | 37.2 | 3468.0 | 675.0 | 6.9 | -11.5 | 236.2 | 14.4 | 12.0 | 8.0 | 318.0 | 329.0 | 5.1 | 55.1 | 6.5 | 37. |
| 12.7 | 40.1 | 3777.4 | 650.0 | 5.0 | -3.4 | 243.4 | 16.1 | 14.4 | 7.2 | 315.2 | 328.9 | 4.6 | 54.8 | 7.5 | 40. |
| 14.1 | 42.6 | 4096.3 | 625.0 | 2.5 | -6.1 | 248.8 | 17.7 | 16.5 | 6.4 | 315.8 | 327.6 | 3.6 | 53.2 | 6.7 | 44. |
| 15.4 | 45.7 | 4424.6 | 600.0 | -0.5 | -10.2 | 245.8 | 19.0 | 17.9 | 6.6 | 315.9 | 325.0 | 3.0 | 48.0 | 10.1 | 48. |
| 16.8 | 48.9 | 4763.4 | 575.0 | -3.3 | -12.3 | 254.3 | 18.4 | 17.7 | 5.0 | 316.4 | 324.5 | 2.6 | 49.9 | 11.6 | 51. |
| 18.3 | 51.8 | 5113.5 | 550.0 | -6.2 | -14.8 | 258.3 | 15.5 | 15.2 | 3.1 | 316.9 | 323.9 | 2.2 | 50.8 | 12.9 | 54. |
| 19.7 | 55.0 | 5475.6 | 525.0 | -8.9 | -16.0 | 264.6 | 16.5 | 16.8 | 1.8 | 318.0 | 324.6 | 2.1 | 56.2 | 14.0 | 57. |
| 21.0 | 58.3 | 5852.1 | 500.0 | -11.5 | -16.4 | 267.8 | 21.1 | 21.1 | 0.8 | 319.3 | 326.0 | 2.1 | 66.7 | 15.4 | 59. |
| 22.4 | 61.4 | 6283.5 | 475.0 | -13.5 | -40.8 | 267.2 | 19.7 | 19.7 | 1.0 | 321.2 | 322.1 | 0.2 | 7.9 | 16.9 | 62. |
| 23.8 | 65.1 | 6652.2 | 450.0 | -16.8 | -42.0 | 264.0 | 20.0 | 19.9 | 2.1 | 322.1 | 322.8 | 0.2 | 9.1 | 18.4 | 64. |
| 25.4 | 68.4 | 7075.2 | 425.0 | -19.8 | -44.0 | 261.2 | 20.5 | 20.3 | 3.1 | 323.6 | 324.3 | 0.2 | 9.4 | 20.2 | 67. |
| 26.9 | 71.4 | 7526.7 | 400.0 | -22.6 | -46.0 | 263.8 | 21.7 | 21.5 | 2.4 | 325.6 | 326.1 | 0.1 | 9.7 | 22.2 | 67. |
| 28.7 | 75.1 | 7997.0 | 375.0 | -26.2 | -49.6 | 272.1 | 21.3 | 21.3 | -0.8 | 326.8 | 327.3 | 0.1 | 10.0 | 24.3 | 69. |
| 30.6 | 78.3 | 8451.9 | 350.0 | -30.2 | -51.4 | 275.1 | 23.2 | 23.2 | -2.1 | 328.0 | 328.4 | 0.1 | 10.4 | 26.6 | 71. |
| 32.5 | 82.3 | 9014.0 | 325.0 | -34.4 | -54.5 | 280.9 | 23.4 | 23.0 | -4.4 | 329.2 | 329.5 | 0.1 | 10.6 | 29.9 | 74. |
| 34.4 | 87.5 | 9564.9 | 300.0 | -39.2 | -58.1 | 283.5 | 23.2 | 22.5 | -5.4 | 330.1 | 330.3 | 0.0 | 11.3 | 31.4 | 76. |
| 36.4 | 92.0 | 10159.7 | 275.0 | -43.0 | -61.9 | 285.5 | 30.4 | 29.3 | -8.1 | 333.0 | 333.0 | 99.9 | 99.9 | 34.0 | 78. |
| 38.8 | 96.9 | 10755.5 | 250.0 | -47.8 | -65.9 | 287.1 | 36.3 | 34.6 | -10.7 | 335.0 | 335.0 | 99.9 | 99.9 | 37.9 | 82. |
| 41.5 | 101.8 | 11482.1 | 225.0 | -53.7 | -69.9 | 283.7 | 36.0 | 37.5 | -9.1 | 336.3 | 336.3 | 99.9 | 99.9 | 43.9 | 85. |
| 44.3 | 107.3 | 12229.5 | 200.0 | -59.3 | -74.9 | 283.1 | 40.1 | 39.0 | -9.1 | 338.9 | 338.9 | 99.9 | 99.9 | 50.4 | 84. |
| 47.2 | 113.0 | 13054.3 | 175.0 | -64.9 | -79.9 | 285.4 | 40.0 | 38.4 | -10.9 | 342.9 | 342.9 | 99.9 | 99.9 | 57.1 | 90. |
| 50.5 | 118.5 | 13936.7 | 150.0 | -63.1 | -84.1 | 270.1 | 34.9 | 34.9 | -0.1 | 341.4 | 341.4 | 99.9 | 99.9 | 63.3 | 90. |
| 53.7 | 124.3 | 15123.2 | 125.0 | -63.1 | -84.1 | 268.5 | 28.0 | 28.0 | 0.7 | 380.7 | 380.7 | 99.9 | 99.9 | 70.7 | 90. |
| 56.8 | 134.3 | 16481.9 | 100.0 | -66.2 | -89.9 | 273.5 | 20.4 | 20.4 | -1.2 | 390.9 | 390.9 | 99.9 | 99.9 | 77.3 | 90. |
| 65.5 | 142.0 | 18212.2 | 75.0 | -68.9 | -99.9 | 268.6 | 17.7 | 17.7 | 0.4 | 428.5 | 428.5 | 99.9 | 99.9 | 83.8 | 91. |
| 73.6 | 150.7 | 20711.8 | 50.0 | -60.5 | -99.9 | 266.0 | 1.7 | 1.6 | -0.5 | 501.1 | 501.1 | 99.9 | 99.9 | 86.4 | 91. |
| 86.3 | 160.0 | 25136.9 | 25.0 | -50.3 | -99.9 | 347.6 | 7.1 | 1.5 | -6.9 | 640.0 | 640.0 | 99.9 | 99.9 | 87.4 | 94. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 240
LAKE CHARLES, LA

24 APRIL 1975
2315 GMT

| TIME MIN | CNTCY | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | PH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 3.4 | 5.0 | 1014.4 | 25.0 | 21.7 | 150.0 | 6.7 | -3.4 | 5.8 | 299.2 | 342.0 | 16.4 | 82.0 | 0.0 | 0. |
| 0.4 | 4.6 | 131.1 | 1000.0 | 24.4 | 21.6 | 206.8 | 10.5 | 4.7 | 9.3 | 299.8 | 343.0 | 16.5 | 84.3 | 0.4 | 32.6 |
| 1.3 | 6.4 | 352.9 | 975.0 | 21.8 | 19.8 | 180.3 | 9.5 | 1.1 | 9.5 | 299.1 | 339.9 | 15.1 | 88.3 | 0.9 | 35.5 |
| 2.3 | 8.5 | 578.5 | 950.0 | 15.6 | 18.6 | 181.0 | 11.2 | 0.2 | 11.2 | 299.0 | 337.0 | 14.4 | 94.0 | 1.3 | 35.7 |
| 3.1 | 10.5 | 862.6 | 925.0 | 18.4 | 16.9 | 195.0 | 12.2 | 3.4 | 11.8 | 299.9 | 335.1 | 13.3 | 91.1 | 1.9 | 0. |
| 3.9 | 12.5 | 1044.1 | 905.0 | 18.1 | 14.8 | 206.1 | 10.2 | 4.5 | 9.1 | 301.7 | 333.7 | 11.9 | 81.5 | 2.5 | 5. |
| 4.9 | 14.5 | 1285.8 | 875.0 | 18.0 | 10.2 | 197.7 | 11.6 | 3.5 | 11.1 | 303.7 | 328.4 | 9.0 | 60.5 | 3.0 | 9. |
| 5.8 | 16.5 | 1533.9 | 855.0 | 16.7 | 8.3 | 192.2 | 13.3 | 2.8 | 13.0 | 304.8 | 327.4 | 8.2 | 57.6 | 3.8 | 10. |
| 6.4 | 18.8 | 1787.9 | 825.0 | 14.8 | 7.7 | 185.9 | 10.7 | 1.8 | 10.6 | 305.4 | 327.8 | 8.1 | 62.4 | 4.5 | 10. |
| 7.3 | 20.9 | 2047.7 | 800.0 | 13.0 | 6.5 | 190.9 | 9.8 | 3.0 | 9.4 | 306.0 | 327.3 | 7.6 | 64.6 | 5.1 | 10. |
| 8.9 | 22.2 | 2313.9 | 775.0 | 11.0 | 3.7 | 195.9 | 11.3 | 3.8 | 10.6 | 306.5 | 324.9 | 6.5 | 60.6 | 5.7 | 12. |
| 9.9 | 25.5 | 2587.7 | 750.0 | 11.4 | -4.9 | 194.8 | 13.4 | 3.4 | 12.9 | 309.4 | 320.4 | 3.7 | 33.8 | 6.4 | 12. |
| 11.0 | 27.8 | 2871.2 | 725.0 | 12.2 | -12.3 | 193.5 | 14.3 | 3.6 | 13.9 | 313.1 | 319.4 | 2.0 | 16.7 | 7.4 | 12. |
| 12.1 | 30.2 | 3163.9 | 700.0 | 10.1 | -11.2 | 193.2 | 13.8 | 3.1 | 13.4 | 313.9 | 321.1 | 2.3 | 21.0 | 8.3 | 13. |
| 13.1 | 32.8 | 3464.9 | 675.0 | 7.7 | -10.9 | 192.9 | 14.2 | 3.2 | 13.8 | 314.6 | 322.2 | 2.5 | 25.2 | 9.3 | 13. |
| 14.4 | 35.3 | 3775.0 | 650.0 | 5.7 | -11.0 | 195.0 | 13.3 | 3.5 | 12.8 | 315.8 | 323.6 | 2.5 | 28.7 | 10.2 | 13. |
| 15.6 | 37.9 | 4094.3 | 625.0 | 3.4 | -15.3 | 205.6 | 10.5 | 4.4 | 9.5 | 316.5 | 322.4 | 1.9 | 24.0 | 11.2 | 13. |
| 16.9 | 40.5 | 4424.7 | 600.0 | 1.9 | -12.6 | 220.3 | 8.8 | 5.7 | 6.7 | 318.6 | 326.2 | 2.4 | 33.2 | 11.8 | 14. |
| 18.1 | 43.1 | 4766.4 | 575.0 | -0.9 | -13.4 | 230.9 | 7.9 | 6.1 | 5.0 | 319.3 | 326.7 | 2.4 | 37.9 | 12.4 | 14. |
| 19.4 | 46.3 | 5119.1 | 550.0 | -4.2 | -12.8 | 235.4 | 7.4 | 6.3 | 3.7 | 319.5 | 327.6 | 2.6 | 50.7 | 12.8 | 17. |
| 20.8 | 49.0 | 5483.9 | 525.0 | -7.6 | -14.0 | 245.8 | 8.5 | 7.8 | 3.5 | 319.5 | 327.3 | 2.5 | 60.2 | 13.3 | 20. |
| 22.1 | 51.9 | 5861.5 | 500.0 | -11.2 | -18.0 | 260.3 | 8.9 | 8.8 | 1.5 | 319.5 | 325.5 | 1.9 | 57.3 | 13.6 | 22. |
| 23.5 | 55.0 | 6253.3 | 475.0 | -13.5 | -25.9 | 252.7 | 12.6 | 12.0 | 3.8 | 321.3 | 324.5 | 1.0 | 34.2 | 14.2 | 25. |
| 25.0 | 58.0 | 6661.7 | 450.0 | -16.9 | -28.2 | 263.1 | 18.1 | 16.0 | 1.9 | 322.1 | 324.9 | 0.8 | 36.4 | 15.0 | 29. |
| 26.5 | 61.4 | 7088.3 | 425.0 | -20.2 | -32.2 | 265.8 | 18.8 | 14.7 | 1.7 | 323.1 | 325.2 | 0.6 | 33.1 | 16.0 | 33. |
| 28.2 | 65.0 | 7534.8 | 400.0 | -24.8 | -34.9 | 259.9 | 23.8 | 23.4 | 4.2 | 325.0 | 326.8 | 0.5 | 33.0 | 17.4 | 35. |
| 29.4 | 68.3 | 8004.9 | 375.0 | -26.2 | -46.1 | 264.4 | 23.9 | 23.9 | 1.5 | 326.9 | 327.5 | 0.2 | 13.3 | 19.2 | 43. |
| 31.6 | 72.0 | 8500.0 | 350.0 | -28.7 | -41.5 | 265.8 | 21.9 | 21.9 | 0.1 | 328.6 | 329.6 | 0.3 | 30.7 | 21.0 | 48. |
| 33.6 | 76.0 | 9024.9 | 325.0 | -33.2 | -38.8 | 280.8 | 27.8 | 27.4 | -5.2 | 330.5 | 332.4 | 0.4 | 56.5 | 23.0 | 54. |
| 35.7 | 80.1 | 9582.8 | 300.0 | -37.5 | -44.2 | 277.2 | 32.8 | 32.5 | -4.1 | 332.4 | 333.3 | 0.2 | 49.5 | 24.0 | 60. |
| 38.0 | 84.4 | 10178.5 | 275.0 | -41.5 | 59.9 | 273.7 | 33.6 | 33.6 | -2.2 | 335.2 | 335.9 | 99.9 | 99.9 | 29.8 | 65. |
| 40.3 | 88.8 | 10814.9 | 250.0 | -47.2 | 59.9 | 275.3 | 34.0 | 33.9 | -3.1 | 335.9 | 335.9 | 99.9 | 99.9 | 33.8 | 69. |
| 43.0 | 94.0 | 11504.9 | 225.0 | -52.9 | 59.9 | 276.8 | 34.5 | 34.5 | -0.5 | 337.5 | 337.5 | 99.9 | 99.9 | 39.1 | 72. |
| 45.8 | 95.3 | 12254.6 | 200.0 | -58.7 | 99.9 | 279.8 | 40.5 | 39.9 | -6.9 | 339.8 | 339.9 | 99.9 | 99.9 | 44.8 | 75. |
| 49.0 | 105.0 | 13082.9 | 175.0 | -63.8 | 99.9 | 281.7 | 45.2 | 44.2 | -9.2 | 344.7 | 344.7 | 99.9 | 99.9 | 52.3 | 79. |
| 52.5 | 111.7 | 14017.0 | 150.0 | -65.6 | 99.9 | 271.9 | 38.7 | 36.7 | -1.2 | 337.2 | 337.2 | 99.9 | 99.9 | 60.3 | 82. |
| 56.9 | 119.0 | 15143.3 | 125.0 | -61.9 | 99.9 | 261.1 | 14.8 | 14.6 | 2.3 | 332.8 | 332.8 | 99.9 | 99.9 | 67.1 | 83. |
| 62.0 | 127.5 | 16455.7 | 100.0 | -70.4 | 99.9 | 264.5 | 15.5 | 19.4 | 1.9 | 331.7 | 331.7 | 99.9 | 99.9 | 73.1 | 83. |
| 68.6 | 137.0 | 18207.9 | 75.0 | -68.9 | 99.9 | 277.5 | 20.3 | 20.1 | -2.6 | 428.4 | 428.4 | 99.9 | 99.9 | 79.6 | 84. |
| 77.8 | 147.0 | 20702.0 | 50.0 | -59.8 | 99.9 | 261.1 | 3.9 | -0.1 | -3.9 | 502.5 | 502.5 | 99.9 | 99.9 | 82.6 | 85. |
| 92.2 | 156.0 | 25129.9 | 25.0 | -52.3 | 99.9 | 330.4 | 7.9 | 3.9 | -6.9 | 636.4 | 636.4 | 99.9 | 99.9 | 81.7 | 87. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 248
SHREVEPORT, LA

24 APRIL 1975
2123 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT Y DG K | E POT Y DG K | MX RTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.4 | 79.0 | 1002.4 | 28.3 | 18.4 | 180.0 | 7.2 | 0.0 | 7.2 | 303.1 | 339.2 | 13.4 | 55.0 | 0.0 | 0. |
| 0.1 | 4.6 | 100.4 | 1000.0 | 28.1 | 18.5 | 179.9 | 7.9 | -0.0 | 7.9 | 303.1 | 339.6 | 13.6 | 55.9 | 0.1 | 0. |
| 1.0 | 6.4 | 325.0 | 475.0 | 26.4 | 17.5 | 180.2 | 10.4 | 0.0 | 10.4 | 303.5 | 339.6 | 13.0 | 58.1 | 0.6 | 0. |
| 1.7 | 8.5 | 553.9 | 950.0 | 24.4 | 16.7 | 182.5 | 11.9 | 0.5 | 11.9 | 303.7 | 338.2 | 12.8 | 62.3 | 1.1 | 0. |
| 2.6 | 10.6 | 787.3 | 925.0 | 22.2 | 15.9 | 188.4 | 13.6 | 2.0 | 13.5 | 303.7 | 337.2 | 12.4 | 67.6 | 1.9 | 2. |
| 3.6 | 12.6 | 1025.2 | 900.0 | 20.0 | 15.4 | 182.0 | 12.3 | 2.7 | 12.0 | 303.8 | 337.3 | 12.4 | 75.1 | 2.6 | 5. |
| 4.6 | 14.3 | 1267.7 | 875.0 | 17.7 | 14.5 | 198.0 | 13.4 | 4.1 | 12.7 | 303.8 | 336.4 | 12.0 | 81.8 | 3.3 | 7. |
| 5.6 | 16.9 | 1515.5 | 850.0 | 15.6 | 13.6 | 200.9 | 13.3 | 6.6 | 12.5 | 304.1 | 335.6 | 11.6 | 87.4 | 4.0 | 9. |
| 6.5 | 19.3 | 1768.8 | 825.0 | 13.6 | 11.9 | 206.0 | 15.0 | 8.6 | 13.5 | 304.4 | 333.5 | 10.7 | 89.2 | 4.8 | 12. |
| 7.6 | 21.4 | 2026.0 | 800.0 | 11.7 | 10.3 | 212.3 | 15.0 | 8.1 | 12.6 | 304.9 | 332.2 | 9.9 | 91.1 | 5.8 | 15. |
| 8.4 | 23.8 | 2293.8 | 775.0 | 12.6 | -4.4 | 221.4 | 18.0 | 11.9 | 13.5 | 307.9 | 319.2 | 3.9 | 34.3 | 6.7 | 19. |
| 9.3 | 25.1 | 2560.4 | 750.0 | 13.5 | -17.0 | 224.5 | 17.3 | 12.1 | 12.3 | 311.4 | 315.7 | 1.3 | 10.4 | 7.9 | 22. |
| 11.0 | 28.6 | 2853.6 | 725.0 | 12.3 | -19.3 | 218.5 | 17.7 | 11.0 | 13.9 | 313.1 | 316.8 | 1.1 | 9.2 | 9.3 | 25. |
| 12.0 | 31.2 | 3146.8 | 700.0 | 11.2 | -14.7 | 215.2 | 17.5 | 10.1 | 14.3 | 315.1 | 320.6 | 1.7 | 14.7 | 10.1 | 28. |
| 13.0 | 33.9 | 3448.7 | 675.0 | 8.8 | -18.1 | 210.6 | 15.2 | 7.7 | 13.1 | 315.7 | 320.1 | 1.4 | 12.9 | 11.1 | 31. |
| 14.2 | 36.3 | 3735.7 | 650.0 | 6.8 | -17.3 | 213.0 | 13.0 | 7.1 | 10.9 | 316.5 | 321.7 | 1.5 | 15.9 | 12.1 | 34. |
| 15.6 | 39.2 | 4080.0 | 625.0 | 4.0 | -19.1 | 222.7 | 12.6 | 8.6 | 9.3 | 317.1 | 321.5 | 1.3 | 16.6 | 13.1 | 37. |
| 16.9 | 41.4 | 4410.0 | 600.0 | 1.0 | -20.1 | 236.4 | 12.5 | 10.4 | 6.9 | 317.4 | 321.6 | 1.3 | 18.8 | 14.1 | 40. |
| 18.3 | 44.8 | 4750.2 | 575.0 | -1.9 | -17.3 | 255.4 | 14.2 | 13.8 | 3.6 | 317.9 | 323.4 | 1.7 | 22.6 | 15.8 | 43. |
| 19.7 | 47.8 | 5101.5 | 550.0 | -5.2 | -19.1 | 260.3 | 16.3 | 16.6 | 2.8 | 317.7 | 322.5 | 1.5 | 32.5 | 16.9 | 46. |
| 21.1 | 50.7 | 5464.4 | 525.0 | -9.1 | -19.8 | 262.1 | 16.8 | 16.6 | 2.3 | 317.7 | 322.5 | 1.5 | 41.1 | 18.4 | 49. |
| 22.3 | 53.6 | 5836.6 | 500.0 | -12.6 | -20.4 | 260.6 | 17.9 | 17.7 | 2.9 | 317.9 | 322.8 | 1.5 | 51.9 | 17.9 | 52. |
| 23.6 | 56.5 | 6229.0 | 475.0 | -16.1 | -20.6 | 264.2 | 16.9 | 16.8 | 1.7 | 318.2 | 323.3 | 1.6 | 67.9 | 18.4 | 55. |
| 25.2 | 59.5 | 6633.1 | 450.0 | -20.0 | -25.5 | 262.9 | 17.3 | 17.2 | 2.1 | 318.1 | 321.6 | 1.1 | 61.0 | 20.1 | 58. |
| 26.9 | 63.4 | 7057.2 | 425.0 | -21.1 | -46.2 | 259.3 | 19.2 | 18.9 | 3.6 | 321.9 | 322.4 | 0.1 | 8.4 | 21.6 | 61. |
| 28.6 | 66.9 | 7502.0 | 400.0 | -24.1 | -49.7 | 261.0 | 21.4 | 21.2 | 3.4 | 323.6 | 324.0 | 0.1 | 7.3 | 23.6 | 64. |
| 30.4 | 70.5 | 7965.5 | 375.0 | -27.7 | -51.9 | 262.6 | 23.9 | 23.7 | 3.0 | 324.6 | 325.2 | 0.1 | 7.8 | 25.6 | 67. |
| 32.3 | 74.3 | 8461.2 | 350.0 | -31.7 | -54.6 | 270.4 | 22.2 | 22.2 | -0.2 | 325.9 | 326.1 | 0.1 | 8.3 | 27.4 | 70. |
| 34.3 | 78.5 | 8940.0 | 325.0 | -36.4 | -50.6 | 265.3 | 23.9 | 23.8 | 2.0 | 326.4 | 326.8 | 0.1 | 21.3 | 30.4 | 73. |
| 36.3 | 82.7 | 9531.2 | 300.0 | -39.1 | -45.1 | 268.7 | 32.3 | 32.3 | 0.7 | 330.2 | 331.0 | 0.2 | 52.5 | 33.1 | 76. |
| 38.4 | 86.8 | 10122.7 | 275.0 | -43.3 | 99.9 | 268.0 | 36.0 | 35.9 | 1.3 | 332.5 | 999.9 | 99.9 | 999.9 | 37.2 | 79. |
| 40.8 | 91.8 | 10756.9 | 250.0 | -46.4 | 99.9 | 266.8 | 40.5 | 40.4 | 2.2 | 334.1 | 999.9 | 99.9 | 999.9 | 42.5 | 82. |
| 43.5 | 96.3 | 11441.6 | 225.0 | -54.3 | 99.9 | 268.9 | 38.8 | 38.8 | 0.7 | 335.3 | 999.9 | 99.9 | 999.9 | 48.6 | 85. |
| 46.2 | 102.4 | 12186.5 | 200.0 | -60.3 | 99.9 | 275.4 | 41.3 | 41.1 | -3.9 | 337.2 | 999.9 | 99.9 | 999.9 | 55.2 | 88. |
| 49.3 | 108.8 | 13008.3 | 175.0 | -65.0 | 99.9 | 281.4 | 49.8 | 48.9 | -9.8 | 342.7 | 999.9 | 99.9 | 999.9 | 64.4 | 91. |
| 53.1 | 115.7 | 13646.9 | 150.0 | -61.0 | 99.9 | 263.7 | 40.2 | 40.0 | 4.4 | 365.0 | 999.9 | 99.9 | 999.9 | 71.3 | 94. |
| 57.5 | 122.7 | 14165.3 | 125.0 | -61.8 | 99.9 | 275.7 | 24.5 | 24.4 | -2.4 | 363.1 | 999.9 | 99.9 | 999.9 | 78.9 | 97. |
| 62.4 | 129.7 | 14511.9 | 100.0 | -67.9 | 99.9 | 262.7 | 25.1 | 24.9 | 3.2 | 396.6 | 999.9 | 99.9 | 999.9 | 85.8 | 100. |
| 68.8 | 143.0 | 14164.5 | 75.0 | -69.0 | 99.9 | 270.8 | 14.9 | 14.8 | -0.2 | 428.2 | 999.9 | 99.9 | 999.9 | 94.5 | 103. |
| 77.6 | 155.0 | 20644.2 | 50.0 | -60.5 | 99.9 | 268.4 | 14.9 | 14.1 | -4.7 | 500.8 | 999.9 | 99.9 | 999.9 | 96.4 | 106. |
| 99.9 | 99.9 | 59.9 | 25.0 | 59.5 | 99.9 | 99.9 | 99.9 | 99.9 | 59.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 255
VICTORIA, TEX

24 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DLB PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CLMP M/SEC | POT T K | E POT Y DG K | MX RTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|------------|-----------------|-----------------|-----------|-------------|----------|
| 0.1 | 4.3 | 33.0 | 1006.8 | 28.0 | 21.3 | 180.0 | 11.8 | 0.0 | 11.8 | 302.8 | 345.6 | 16.1 | 67.0 | 0.0 | 0. |
| 0.2 | 4.9 | 93.3 | 1008.0 | 27.1 | 21.1 | 99.9 | 99.9 | 99.9 | 99.9 | 302.5 | 345.1 | 16.0 | 69.8 | 999.9 | 999.9 |
| 0.8 | 6.5 | 317.4 | 975.0 | 25.2 | 20.7 | 999.9 | 99.9 | 99.9 | 99.9 | 302.7 | 345.4 | 16.0 | 76.5 | 999.9 | 999.9 |
| 1.5 | 8.5 | 545.9 | 950.0 | 23.2 | 20.8 | 999.9 | 99.9 | 99.9 | 99.9 | 303.0 | 347.0 | 16.6 | 86.5 | 999.9 | 999.9 |
| 2.2 | 10.5 | 778.8 | 925.0 | 20.9 | 19.7 | 154.9 | 12.5 | -5.3 | 11.3 | 302.8 | 344.9 | 15.8 | 92.7 | 1.7 | 341. |
| 2.8 | 12.4 | 1015.5 | 908.0 | 18.9 | 7.9 | 168.6 | 13.3 | -2.4 | 13.1 | 302.0 | 323.3 | 7.8 | 51.5 | 2.2 | 341. |
| 3.6 | 14.5 | 1258.0 | 875.0 | 19.5 | 9.1 | 180.5 | 15.8 | 0.1 | 15.8 | 304.9 | 322.7 | 6.3 | 38.6 | 2.8 | 345. |
| 4.3 | 16.4 | 1506.7 | 850.0 | 18.3 | -5.7 | 184.4 | 17.4 | 1.3 | 17.3 | 305.9 | 316.6 | 3.7 | 24.0 | 3.5 | 348. |
| 5.2 | 18.5 | 1742.1 | 825.0 | 19.2 | -38.2 | 189.4 | 17.0 | 2.8 | 16.8 | 308.5 | 309.5 | 0.2 | 1.0 | 4.4 | 352. |
| 6.1 | 20.6 | 2025.9 | 800.0 | 19.3 | -38.1 | 187.9 | 18.1 | 2.5 | 17.9 | 311.8 | 312.1 | 0.2 | 1.0 | 5.3 | 355. |
| 7.1 | 22.3 | 2257.2 | 775.0 | 17.8 | -33.2 | 183.4 | 15.8 | 1.5 | 15.7 | 313.0 | 314.0 | 0.3 | 1.0 | 6.3 | 357. |
| 8.1 | 25.2 | 2576.1 | 750.0 | 16.6 | -39.7 | 184.9 | 14.9 | 1.2 | 14.8 | 314.7 | 315.2 | 0.2 | 1.0 | 7.2 | 358. |
| 9.0 | 27.4 | 2862.4 | 725.0 | 14.3 | -40.0 | 188.8 | 13.2 | 2.0 | 13.0 | 315.1 | 315.7 | 0.2 | 1.1 | 7.9 | 359. |
| 9.8 | 29.8 | 3157.5 | 703.0 | 13.2 | -41.8 | 202.1 | 11.0 | 4.2 | 10.2 | 317.2 | 317.7 | 0.1 | 1.0 | 8.5 | 360. |
| 10.7 | 32.3 | 3461.9 | 675.0 | 11.8 | -41.3 | 222.0 | 10.1 | 6.8 | 7.5 | 318.8 | 319.4 | 0.2 | 1.2 | 9.0 | 2. |
| 11.8 | 34.9 | 3775.8 | 650.0 | 9.7 | -18.8 | 235.3 | 9.5 | 7.8 | 5.4 | 320.1 | 324.5 | 1.4 | 11.8 | 9.4 | 5. |
| 12.8 | 37.2 | 4099.6 | 625.0 | 6.8 | -13.7 | 241.4 | 7.8 | 6.8 | 3.7 | 320.5 | 327.3 | 2.1 | 21.4 | 9.8 | 7. |
| 14.1 | 40.3 | 4432.6 | 600.0 | 3.3 | -15.2 | 241.7 | 6.6 | 5.9 | 3.1 | 320.6 | 326.4 | 1.9 | 24.1 | 10.1 | 10. |
| 15.4 | 42.4 | 4775.9 | 575.0 | 0.4 | -19.9 | 248.2 | 7.2 | 6.7 | 2.7 | 320.6 | 325.1 | 1.4 | 19.5 | 10.4 | 12. |
| 16.6 | 45.4 | 5130.2 | 550.0 | -2.7 | -18.5 | 260.0 | 9.6 | 9.4 | 1.7 | 321.0 | 326.3 | 1.6 | 28.6 | 10.7 | 15. |
| 17.7 | 48.4 | 5456.8 | 525.0 | -5.7 | -28.2 | 274.4 | 10.6 | 10.5 | -0.8 | 321.7 | 325.1 | 1.0 | 20.8 | 10.9 | 18. |
| 19.1 | 51.3 | 5876.8 | 500.0 | -8.6 | -38.8 | 274.2 | 10.9 | 10.9 | -0.8 | 322.5 | 323.9 | 0.4 | 10.1 | 11.1 | 23. |
| 20.4 | 54.4 | 6272.3 | 475.0 | -11.5 | -31.9 | 274.0 | 14.5 | 14.4 | -1.0 | 323.8 | 325.7 | 0.6 | 16.5 | 12.1 | 33. |
| 21.8 | 57.4 | 6664.8 | 450.0 | -14.2 | -33.0 | 268.8 | 17.9 | 17.9 | 0.4 | 325.3 | 327.2 | 0.5 | 18.5 | 12.1 | 33. |
| 23.2 | 60.9 | 7115.7 | 425.0 | -17.0 | -39.0 | 263.6 | 20.5 | 20.3 | 2.3 | 327.2 | 328.3 | 0.3 | 12.8 | 13.2 | 39. |
| 24.7 | 64.3 | 7567.7 | 400.0 | -20.5 | -38.3 | 263.6 | 21.1 | 21.0 | 2.4 | 328.4 | 330.5 | 0.6 | 32.2 | 14.6 | 44. |
| 26.2 | 67.8 | 8042.1 | 375.0 | -24.3 | -32.6 | 265.6 | 23.0 | 23.0 | 1.8 | 329.4 | 332.5 | 0.9 | 61.8 | 16.2 | 49. |
| 27.9 | 71.5 | 8541.9 | 350.0 | -27.8 | -32.5 | 272.5 | 25.4 | 25.4 | -1.1 | 331.3 | 333.8 | 0.7 | 63.5 | 18.0 | 53. |
| 29.5 | 75.6 | 9065.9 | 325.0 | -32.3 | -32.7 | 274.2 | 30.2 | 30.1 | -2.2 | 332.1 | 333.6 | 0.4 | 52.5 | 20.2 | 59. |
| 31.3 | 79.8 | 9630.1 | 300.0 | -36.1 | -44.0 | 273.8 | 30.2 | 30.1 | -2.0 | 334.4 | 335.4 | 0.3 | 43.7 | 23.1 | 63. |
| 33.4 | 84.0 | 10228.4 | 275.0 | -40.6 | 99.9 | 271.1 | 30.2 | 30.2 | -0.6 | 336.4 | 339.9 | 99.9 | 999.9 | 26.4 | 67. |
| 35.6 | 88.8 | 10871.4 | 250.0 | -45.6 | 99.9 | 273.0 | 30.8 | 30.7 | -1.6 | 338.4 | 339.9 | 99.9 | 999.9 | 30.0 | 70. |
| 37.9 | 94.0 | 11564.7 | 225.0 | -51.4 | 99.9 | 275.5 | 34.2 | 34.0 | -3.3 | 339.8 | 339.9 | 99.9 | 999.9 | 34.0 | 74. |
| 40.4 | 99.5 | 12319.3 | 200.0 | -57.6 | 99.9 | 268.2 | 36.8 | 36.7 | -2.5 | 341.6 | 339.9 | 99.9 | 999.9 | 39.1 | 76. |
| 43.0 | 105.5 | 13148.7 | 175.0 | -64.5 | 99.9 | 274.1 | 35.1 | 35.0 | -2.5 | 343.5 | 339.9 | 99.9 | 999.9 | 44.5 | 77. |
| 46.3 | 112.3 | 14040.5 | 150.0 | -65.9 | 99.9 | 281.6 | 38.1 | 37.3 | -7.7 | 346.7 | 339.9 | 99.9 | 999.9 | 52.0 | 81. |
| 50.1 | 119.7 | 15191.5 | 125.0 | -64.1 | 99.9 | 262.1 | 27.7 | 27.5 | 3.8 | 348.7 | 339.9 | 99.9 | 999.9 | 58.4 | 82. |
| 54.9 | 128.7 | 16544.5 | 100.0 | -68.9 | 99.9 | 268.3 | 18.4 | 18.4 | 0.5 | 349.7 | 339.9 | 99.9 | 999.9 | 64.3 | 82. |
| 60.8 | 138.5 | 18263.7 | 75.0 | -68.6 | 99.9 | 269.1 | 8.5 | 8.5 | 0.1 | 459.1 | 339.9 | 99.9 | 999.9 | 68.8 | 82. |
| 69.1 | 149.0 | 20734.7 | 50.0 | -59.7 | 99.9 | 253.3 | 15.2 | 15.5 | 4.6 | 502.8 | 339.9 | 99.9 | 999.9 | 70.9 | 83. |
| 81.7 | 160.0 | 23170.7 | 25.0 | -50.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 639.5 | 339.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

JOURNAL PAGE IS
OF POOR QUALITY

STATION NO. 260
STEPHENVILLE, TEX

24 APRIL 1975
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

161 21. 1

| TIME MIN | CNTCT | WEIGHT GFW | PRES MB | TEMP DG C | DEW PT CG C | DIR CG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MA RTO GM/KG | RH PCY | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.7 | 9.9 | 399.0 | 962.5 | 28.5 | 18.9 | 180.0 | 6.2 | 0.0 | 6.2 | 307.0 | 346.3 | 14.4 | 56.0 | 0.0 | 0. |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 11.0 | 515.2 | 950.0 | 27.2 | 15.6 | 349.9 | 1.5 | 0.3 | -1.4 | 308.4 | 338.9 | 11.8 | 4.0 | 0.8 | 1. |
| 1.3 | 13.4 | 750.9 | 925.0 | 25.6 | 14.9 | 185.5 | 8.8 | 0.8 | 8.8 | 307.0 | 239.0 | 11.6 | 51.6 | 0.9 | 1. |
| 2.1 | 15.8 | 931.3 | 900.0 | 23.3 | 14.2 | 187.2 | 14.6 | 1.8 | 14.5 | 307.1 | 338.5 | 11.4 | 56.4 | 1.6 | 4. |
| 3.0 | 18.2 | 1236.7 | 875.0 | 21.1 | 13.3 | 192.3 | 13.0 | 2.0 | 12.7 | 307.2 | 337.8 | 11.1 | 61.2 | 2.4 | 5. |
| 4.0 | 20.3 | 1467.3 | 850.0 | 19.1 | 13.1 | 201.3 | 12.4 | 4.5 | 11.5 | 307.7 | 339.7 | 11.2 | 68.0 | 3.1 | 8. |
| 4.7 | 22.4 | 1742.7 | 825.0 | 16.9 | 12.7 | 212.6 | 11.8 | 6.3 | 9.9 | 308.0 | 339.4 | 11.3 | 72.4 | 3.7 | 11. |
| 5.7 | 26.3 | 2035.7 | 800.0 | 14.6 | 12.4 | 222.0 | 11.9 | 8.6 | 8.3 | 308.3 | 340.0 | 11.5 | 86.7 | 4.2 | 15. |
| 6.6 | 28.3 | 2274.3 | 775.0 | 12.8 | 11.5 | 241.1 | 12.3 | 10.8 | 6.0 | 309.0 | 339.8 | 11.1 | 91.7 | 4.7 | 20. |
| 7.5 | 31.6 | 2545.7 | 750.0 | 10.8 | 10.2 | -55.2 | 11.8 | 11.8 | 3.1 | 309.6 | 332.0 | 10.5 | 96.3 | 5.2 | 26. |
| 8.4 | 34.4 | 2833.7 | 725.0 | 12.5 | -6.3 | 257.1 | 12.4 | 12.1 | 2.8 | 313.6 | 324.1 | 3.5 | 27.6 | 5.6 | 32. |
| 9.6 | 37.1 | 3127.2 | 700.0 | 11.7 | -42.7 | 244.2 | 13.3 | 12.0 | 5.8 | 315.4 | 315.9 | 0.1 | 1.0 | 6.3 | 37. |
| 10.7 | 40.1 | 3430.0 | 675.0 | 10.1 | -43.7 | 235.3 | 14.8 | 12.2 | 8.4 | 317.0 | 317.4 | 0.1 | 1.0 | 7.1 | 35. |
| 11.7 | 42.9 | 3741.9 | 650.0 | 8.1 | -45.0 | 212.9 | 17.2 | 13.7 | 10.4 | 318.1 | 318.5 | 0.1 | 1.0 | 8.0 | 41. |
| 12.7 | 46.0 | 4033.2 | 625.0 | 5.1 | -46.8 | 230.7 | 18.7 | 14.5 | 11.9 | 318.2 | 318.5 | 0.1 | 1.0 | 9.1 | 42. |
| 13.8 | 49.3 | 4394.6 | 600.0 | 2.3 | -44.9 | 229.8 | 19.2 | 16.0 | 12.4 | 318.8 | 321.7 | 0.9 | 11.7 | 10.4 | 43. |
| 14.9 | 52.1 | 4736.4 | 575.0 | -0.7 | -14.1 | 229.2 | 21.2 | 16.0 | 13.8 | 319.4 | 320.5 | 2.2 | 35.8 | 11.6 | 44. |
| 16.1 | 55.3 | 5096.8 | 550.0 | -4.0 | -7.0 | 229.0 | 22.0 | 16.6 | 14.4 | 319.8 | 322.5 | 4.1 | 80.0 | 13.2 | 45. |
| 17.5 | 58.6 | 5454.9 | 525.0 | -7.4 | -12.7 | 235.8 | 20.0 | 16.6 | 11.3 | 319.9 | 328.5 | 2.7 | 65.6 | 15.0 | 45. |
| 18.7 | 62.1 | 5832.7 | 500.0 | -10.8 | -18.4 | 235.7 | 20.8 | 17.1 | 11.7 | 320.1 | 325.8 | 1.8 | 53.3 | 17.2 | 47. |
| 21.1 | 65.6 | 6225.0 | 475.0 | -14.3 | -24.5 | 241.0 | 21.3 | 18.6 | 10.3 | 320.5 | 327.6 | 2.2 | 83.5 | 19.4 | 48. |
| 23.6 | 69.2 | 6631.9 | 450.0 | -18.3 | -22.8 | 248.4 | 20.9 | 19.4 | 7.7 | 320.4 | 324.9 | 1.4 | 67.7 | 22.4 | 50. |
| 25.5 | 72.7 | 7037.6 | 425.0 | -20.2 | -62.8 | 249.4 | 23.6 | 22.1 | 6.3 | 323.1 | 323.1 | 0.0 | 1.0 | 25.1 | 52. |
| 26.9 | 76.7 | 7504.9 | 400.0 | -22.5 | -64.3 | 251.8 | 24.3 | 23.1 | 7.6 | 325.7 | 325.7 | 0.0 | 1.0 | 26.8 | 54. |
| 28.5 | 80.7 | 7974.9 | 375.0 | -26.7 | -67.0 | 245.1 | 27.4 | 24.8 | 11.5 | 326.2 | 326.3 | 0.0 | 1.0 | 29.2 | 55. |
| 29.8 | 84.8 | 8468.7 | 350.0 | -30.7 | -69.6 | 261.6 | 26.7 | 26.4 | 3.9 | 327.3 | 327.3 | 0.0 | 1.0 | 31.7 | 56. |
| 31.6 | 88.3 | 8993.5 | 325.0 | -34.7 | -72.2 | 250.9 | 31.2 | 28.5 | 10.2 | 328.8 | 328.9 | 0.0 | 1.0 | 34.0 | 58. |
| 33.4 | 91.8 | 9545.5 | 300.0 | -37.7 | -74.2 | 258.0 | 30.5 | 35.9 | 6.7 | 334.6 | 332.2 | 0.0 | 1.0 | 37.5 | 60. |
| 35.3 | 95.4 | 10140.8 | 275.0 | -41.9 | -59.9 | 256.4 | 36.9 | 35.9 | 6.7 | 334.6 | 332.2 | 0.0 | 1.0 | 42.2 | 61. |
| 37.4 | 103.5 | 10779.3 | 250.0 | -46.8 | -59.3 | 257.3 | 40.3 | 45.1 | 10.2 | 336.5 | 336.5 | 99.9 | 99.9 | 47.1 | 63. |
| 39.7 | 109.0 | 11468.7 | 225.0 | -52.4 | -59.9 | 259.9 | 45.2 | 44.5 | 7.9 | 338.2 | 338.2 | 99.9 | 99.9 | 54.0 | 65. |
| 42.2 | 114.8 | 12219.4 | 200.0 | -58.4 | -59.9 | 264.0 | 63.6 | 63.6 | 6.6 | 340.4 | 339.9 | 99.9 | 99.9 | 61.1 | 67. |
| 45.0 | 121.0 | 13046.4 | 175.0 | -64.8 | -59.9 | 264.8 | 59.3 | 59.3 | 5.4 | 343.0 | 339.9 | 99.9 | 99.9 | 70.8 | 70. |
| 48.2 | 128.0 | 13943.7 | 150.0 | -63.6 | -59.9 | 261.4 | 27.7 | 27.4 | 4.1 | 340.5 | 339.9 | 99.9 | 99.9 | 79.7 | 72. |
| 52.4 | 135.5 | 15111.0 | 125.0 | -62.9 | -59.9 | 265.4 | 30.1 | 26.4 | 2.4 | 341.2 | 339.9 | 99.9 | 99.9 | 86.6 | 72. |
| 58.1 | 142.7 | 16478.9 | 100.0 | -68.3 | -59.9 | 260.1 | 16.2 | 15.9 | 2.8 | 403.6 | 339.9 | 99.9 | 99.9 | 93.9 | 73. |
| 63.8 | 150.7 | 19214.4 | 75.0 | -68.8 | -59.9 | 246.4 | 4.6 | 4.2 | 1.8 | 428.7 | 339.9 | 99.9 | 99.9 | 99.5 | 74. |
| 72.2 | 159.3 | 20706.6 | 50.0 | -58.8 | -59.9 | 288.2 | 7.3 | 6.9 | -2.3 | 505.1 | 339.9 | 99.9 | 99.9 | 102.1 | 75. |
| 84.9 | 167.7 | 25147.6 | 25.0 | -50.1 | -59.9 | 316.7 | 5.0 | 3.4 | -3.6 | 641.1 | 339.9 | 99.9 | 99.9 | 102.6 | 77. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 261
DEL RIO, TEX24 APRIL 1975
2315 GMT

| TIME MIN | CATY | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT Y DG K | MX RTO CM/KG | PH PCT | 162 KM | 16.0 DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-----------|------------|
| 0.0 | 0.0 | 314.0 | 970.6 | 31.7 | 17.6 | 100.0 | 3.2 | -3.2 | 0.6 | 309.3 | 345.7 | 13.2 | 43.0 | 0.0 | 0.0 |
| 0.9 | 0.9 | 99.9 | 1000.0 | 59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 4.9 | 4.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 10.7 | 506.0 | 950.0 | 25.0 | 17.7 | 126.7 | 4.3 | -3.5 | 2.6 | 309.3 | 346.8 | 13.6 | 44.3 | 0.2 | 24.6 |
| 1.3 | 13.0 | 744.1 | 925.0 | 27.5 | 15.9 | 118.0 | 4.4 | -3.8 | 2.1 | 309.3 | 343.5 | 12.4 | 44.4 | 0.4 | 23.5 |
| 2.4 | 15.4 | 966.4 | 900.0 | 25.2 | 15.3 | 108.1 | 4.5 | -4.3 | 1.4 | 309.1 | 343.2 | 12.3 | 44.4 | 0.7 | 23.5 |
| 3.3 | 17.7 | 1233.5 | 875.0 | 22.9 | 14.8 | 113.1 | 4.0 | -3.7 | 1.6 | 309.2 | 343.1 | 12.2 | 44.4 | 0.9 | 23.5 |
| 4.4 | 20.2 | 1495.5 | 850.0 | 20.4 | 14.3 | 104.3 | 4.0 | -4.0 | 1.3 | 309.2 | 342.8 | 12.2 | 44.4 | 1.2 | 23.2 |
| 5.2 | 22.6 | 1743.1 | 825.0 | 18.4 | 11.8 | 87.0 | 2.3 | -2.3 | -0.1 | 309.5 | 339.1 | 10.6 | 45.3 | 1.4 | 29.1 |
| 6.1 | 25.2 | 2306.9 | 800.0 | 17.7 | 6.5 | 339.1 | 5.3 | 1.9 | -5.0 | 311.1 | 333.0 | 7.7 | 46.0 | 1.4 | 29.6 |
| 7.0 | 27.6 | 2376.1 | 775.0 | 17.4 | -0.4 | 305.0 | 9.5 | 7.8 | -5.5 | 313.2 | 327.6 | 4.9 | 30.4 | 1.1 | 27.1 |
| 7.6 | 30.3 | 2537.8 | 750.0 | 17.2 | -2.8 | 278.6 | 9.2 | 9.0 | -1.4 | 315.9 | 328.4 | 4.2 | 25.2 | 0.6 | 25.7 |
| 8.7 | 33.0 | 2845.9 | 725.0 | 15.4 | -4.4 | 303.4 | 5.4 | 4.5 | -3.0 | 316.8 | 328.5 | 3.8 | 25.3 | 0.1 | 23.2 |
| 9.7 | 35.6 | 3142.2 | 700.0 | 13.1 | -6.3 | 275.0 | 11.0 | 11.0 | -1.0 | 317.4 | 327.9 | 3.4 | 25.4 | 0.5 | 19.6 |
| 10.6 | 38.3 | 3446.8 | 675.0 | 11.1 | -8.6 | 99.9 | 99.9 | 99.9 | 99.9 | 318.4 | 327.7 | 3.0 | 24.3 | 99.9 | 99.9 |
| 11.6 | 41.1 | 3759.7 | 650.0 | 7.9 | -11.2 | 95.9 | 99.9 | 99.9 | 99.9 | 318.5 | 325.8 | 2.3 | 24.7 | 3.1 | 5.4 |
| 12.9 | 43.9 | 4081.4 | 625.0 | 5.0 | -12.5 | 224.6 | 13.2 | 9.2 | 7.4 | 318.5 | 325.3 | 2.2 | 30.4 | 4.0 | 5.2 |
| 14.0 | 47.0 | 4412.4 | 600.0 | 1.7 | -13.6 | 232.8 | 12.3 | 9.6 | 7.4 | 318.5 | 325.3 | 2.2 | 30.4 | 4.0 | 5.2 |
| 15.1 | 50.1 | 4753.6 | 575.0 | -1.5 | -16.7 | 243.3 | 13.7 | 12.3 | 6.2 | 318.5 | 324.3 | 1.8 | 30.1 | 4.8 | 5.3 |
| 16.3 | 53.0 | 5105.0 | 550.0 | -4.1 | -19.1 | 254.2 | 17.9 | 17.2 | 4.9 | 319.4 | 324.4 | 1.5 | 30.0 | 5.9 | 5.6 |
| 17.4 | 56.0 | 5471.1 | 525.0 | -6.5 | -22.5 | 262.9 | 20.7 | 20.6 | 2.6 | 320.7 | 324.6 | 1.2 | 26.6 | 7.3 | 6.1 |
| 19.1 | 58.4 | 5850.3 | 500.0 | -9.8 | -25.0 | 264.0 | 22.1 | 21.9 | 2.3 | 321.2 | 325.1 | 1.2 | 33.1 | 9.1 | 6.6 |
| 20.6 | 62.9 | 6244.5 | 475.0 | -11.7 | -29.2 | 261.3 | 22.0 | 21.7 | 3.3 | 323.5 | 325.9 | 0.7 | 21.5 | 11.1 | 6.9 |
| 21.9 | 66.0 | 6656.4 | 450.0 | -14.4 | -35.4 | 262.8 | 21.1 | 21.0 | 2.6 | 325.1 | 326.6 | 0.4 | 14.8 | 12.7 | 7.6 |
| 23.2 | 69.4 | 7087.1 | 425.0 | -17.4 | -37.6 | 264.0 | 24.0 | 23.9 | 2.5 | 326.6 | 327.9 | 0.3 | 15.1 | 14.3 | 7.2 |
| 24.5 | 73.1 | 7538.2 | 400.0 | -21.0 | -30.6 | 262.1 | 23.9 | 23.7 | 3.3 | 327.6 | 330.4 | 0.7 | 41.6 | 16.3 | 7.3 |
| 26.0 | 77.0 | 8012.0 | 375.0 | -24.2 | -30.6 | 271.1 | 25.4 | 25.4 | -0.5 | 329.6 | 332.3 | 0.8 | 53.4 | 18.4 | 7.5 |
| 27.7 | 80.9 | 8512.2 | 350.0 | -27.6 | -36.5 | 270.1 | 30.6 | 30.6 | -0.5 | 331.5 | 333.2 | 0.5 | 41.9 | 21.3 | 7.7 |
| 29.5 | 85.0 | 9041.6 | 325.0 | -31.0 | -44.1 | 264.8 | 30.4 | 30.3 | 2.8 | 333.0 | 334.7 | 0.2 | 26.1 | 24.5 | 7.8 |
| 31.2 | 88.2 | 9603.7 | 300.0 | -36.1 | -50.7 | 264.3 | 28.1 | 28.0 | 2.8 | 334.5 | 334.9 | 0.1 | 20.2 | 27.3 | 7.9 |
| 32.8 | 92.8 | 10231.0 | 275.0 | -41.5 | 99.9 | 262.8 | 30.3 | 30.0 | 3.8 | 335.1 | 335.9 | 99.9 | 99.9 | 30.3 | 7.9 |
| 34.7 | 98.5 | 10840.4 | 250.0 | -47.0 | 99.9 | 268.7 | 30.0 | 30.0 | 0.7 | 336.2 | 336.9 | 99.9 | 99.9 | 34.0 | 8.0 |
| 37.3 | 103.5 | 11524.9 | 225.0 | -52.7 | 99.9 | 262.1 | 34.7 | 34.4 | 4.8 | 337.8 | 337.9 | 99.9 | 99.9 | 38.6 | 8.1 |
| 39.4 | 108.7 | 12276.3 | 200.0 | -58.5 | 99.9 | 265.5 | 37.6 | 37.5 | 2.9 | 340.1 | 339.8 | 99.9 | 99.9 | 43.4 | 8.1 |
| 42.7 | 115.0 | 13104.5 | 175.0 | -65.6 | 99.9 | 260.6 | 41.6 | 41.1 | 6.8 | 341.6 | 339.9 | 99.9 | 99.9 | 51.1 | 8.1 |
| 44.1 | 121.5 | 14028.2 | 150.0 | -69.3 | 99.9 | 273.4 | 40.4 | 40.4 | -2.4 | 350.7 | 339.9 | 99.9 | 99.9 | 60.5 | 8.2 |
| 50.1 | 129.0 | 15132.4 | 125.0 | -64.2 | 99.9 | 258.5 | 28.9 | 28.3 | 5.4 | 378.7 | 339.9 | 99.9 | 99.9 | 67.9 | 8.2 |
| 54.6 | 134.7 | 16490.7 | 100.0 | -68.6 | 99.9 | 270.1 | 25.4 | 25.4 | -0.0 | 395.3 | 339.9 | 99.9 | 99.9 | 74.4 | 8.2 |
| 60.0 | 143.9 | 18198.1 | 75.0 | -71.0 | 99.9 | 325.5 | 6.8 | 3.9 | -5.6 | 424.0 | 339.9 | 99.9 | 99.9 | 78.9 | 8.3 |
| 67.0 | 154.7 | 20678.5 | 50.0 | -60.3 | 99.9 | 292.5 | 3.5 | 3.3 | -1.6 | 511.5 | 339.9 | 99.9 | 99.9 | 80.7 | 9.3 |
| 79.4 | 165.3 | 25089.6 | 25.0 | -53.4 | 99.9 | 56.9 | 5.2 | -4.3 | -2.9 | 631.2 | 339.9 | 99.9 | 99.9 | 83.1 | 8.5 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 265
MIDLAND, TEX24 APRIL 1975
2315 GMT

156 11. 3

| TIME MIN | CNTCT | HEIGHT CM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT Y DEG K | MX RTO CM/SEC | RM PCY | RANGE KM | AZ DEG |
|-------------|-------|--------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|------------------|-----------|-------------|-----------|
| 0.0 | 12.5 | 872.0 | 910.3 | 31.1 | -4.1 | 250.0 | 6.2 | 5.8 | 2.1 | 313.0 | 322.4 | 3.1 | 16.0 | 0.2 | 6. |
| 99.3 | 59.3 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.0 | 59.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.0 | 59.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.0 | 99.3 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 3.4 | 13.5 | 974.5 | 900.0 | 29.9 | -4.7 | 242.7 | 7.8 | 7.0 | 3.6 | 312.8 | 321.9 | 3.0 | 10.2 | 0.2 | 67. |
| 1.3 | 15.8 | 1223.9 | 875.0 | 26.5 | -3.5 | 245.7 | 6.6 | 6.0 | 2.7 | 311.8 | 322.0 | 3.4 | 13.6 | 0.5 | 6. |
| 2.3 | 18.2 | 1477.5 | 850.0 | 23.6 | -5.8 | 245.8 | 7.1 | 6.7 | 2.5 | 311.3 | 320.1 | 2.9 | 13.6 | 0.2 | 6. |
| 3.2 | 20.6 | 1736.5 | 825.0 | 21.4 | -7.4 | 255.1 | 7.1 | 6.9 | 1.8 | 311.6 | 319.7 | 2.7 | 13.7 | 1.1 | 6. |
| 4.1 | 23.0 | 2001.2 | 800.0 | 19.0 | -9.1 | 251.0 | 8.4 | 8.0 | 2.7 | 311.7 | 319.1 | 2.4 | 13.9 | 1.7 | 6. |
| 4.9 | 25.5 | 2272.3 | 775.0 | 16.4 | -10.5 | 252.6 | 8.4 | 8.3 | 1.5 | 311.7 | 318.5 | 2.2 | 14.7 | 2.1 | 7. |
| 5.7 | 28.1 | 2545.2 | 750.0 | 13.4 | -11.7 | 262.4 | 9.0 | 8.9 | 1.2 | 311.4 | 317.9 | 2.1 | 16.2 | 2.5 | 7. |
| 6.4 | 30.9 | 2834.9 | 725.0 | 10.8 | -12.4 | 262.0 | 7.6 | 7.5 | 1.1 | 311.5 | 317.8 | 2.0 | 18.2 | 2.9 | 7. |
| 7.5 | 33.4 | 3123.5 | 700.0 | 7.8 | -13.9 | 277.6 | 7.0 | 6.9 | -0.0 | 311.4 | 317.2 | 1.9 | 19.6 | 3.3 | 7. |
| 8.7 | 36.0 | 3421.8 | 675.0 | 5.9 | -16.9 | 271.6 | 8.3 | 8.3 | -0.2 | 312.4 | 317.1 | 1.5 | 17.5 | 3.9 | 7. |
| 9.8 | 38.3 | 3729.1 | 650.0 | 3.4 | -21.0 | 267.7 | 11.5 | 11.5 | 0.1 | 312.9 | 316.5 | 1.1 | 14.7 | 4.4 | 8. |
| 10.9 | 41.5 | 4045.9 | 625.0 | 1.4 | -22.5 | 269.9 | 14.9 | 14.9 | 0.0 | 314.2 | 317.4 | 1.0 | 14.8 | 5.2 | 8. |
| 12.0 | 44.6 | 4373.5 | 600.0 | -0.4 | -23.8 | 273.1 | 17.0 | 17.0 | -0.9 | 315.7 | 318.8 | 0.9 | 15.0 | 6.4 | 8. |
| 13.1 | 47.6 | 4712.2 | 575.0 | -2.7 | -25.5 | 276.5 | 20.9 | 20.8 | -1.6 | 316.9 | 319.7 | 0.8 | 15.2 | 7.4 | 8. |
| 14.6 | 50.6 | 5063.0 | 550.0 | -5.0 | -27.3 | 276.9 | 21.9 | 21.9 | -0.3 | 318.2 | 320.6 | 0.7 | 15.3 | 9.4 | 8. |
| 15.8 | 53.4 | 5426.4 | 525.0 | -7.4 | -29.1 | 282.8 | 22.4 | 22.3 | 2.8 | 319.6 | 321.8 | 0.6 | 15.5 | 11.1 | 8. |
| 17.1 | 56.9 | 5808.6 | 500.0 | -9.6 | -32.3 | 255.8 | 25.7 | 24.0 | 6.1 | 321.4 | 323.1 | 0.5 | 13.7 | 12.9 | 8. |
| 18.4 | 60.3 | 6158.9 | 475.0 | -12.4 | -34.3 | 255.5 | 25.3 | 24.5 | 5.6 | 323.1 | 324.2 | 0.4 | 13.5 | 14.9 | 8. |
| 19.6 | 63.7 | 6609.1 | 450.0 | -15.0 | -37.1 | 259.0 | 28.8 | 26.2 | 5.6 | 324.3 | 324.3 | 0.3 | 14.2 | 16.2 | 7. |
| 21.3 | 67.1 | 7037.1 | 425.0 | -19.2 | -39.5 | 259.7 | 27.6 | 27.2 | 5.0 | 324.4 | 325.4 | 0.3 | 14.5 | 19.4 | 8. |
| 22.6 | 70.6 | 7484.9 | 400.0 | -23.2 | -42.6 | 263.3 | 29.6 | 28.9 | 3.4 | 324.9 | 325.7 | 0.2 | 14.9 | 22.0 | 9. |
| 24.3 | 74.3 | 7954.3 | 375.0 | -26.5 | -45.1 | 270.3 | 28.2 | 28.2 | -0.2 | 326.5 | 327.1 | 0.2 | 15.1 | 24.5 | 9. |
| 25.8 | 78.3 | 8449.6 | 350.0 | -30.7 | -48.5 | 275.3 | 27.8 | 27.8 | -1.1 | 327.3 | 327.8 | 0.1 | 15.5 | 27.0 | 8. |
| 27.6 | 82.3 | 8970.7 | 325.0 | -34.0 | -51.1 | 268.2 | 32.4 | 32.4 | 1.0 | 329.7 | 330.1 | 0.1 | 15.2 | 30.2 | 8. |
| 29.5 | 86.5 | 9524.3 | 300.0 | -38.5 | -59.9 | 270.4 | 33.0 | 33.0 | -0.2 | 331.0 | 330.9 | 99.9 | 99.9 | 34.3 | 8. |
| 31.5 | 91.2 | 10117.6 | 275.0 | -43.7 | -69.9 | 267.3 | 35.3 | 35.3 | 1.7 | 331.9 | 330.9 | 99.9 | 99.9 | 37.0 | 8. |
| 33.6 | 95.8 | 10753.0 | 250.0 | -47.6 | -69.9 | 268.4 | 40.0 | 45.9 | 4.1 | 335.3 | 332.9 | 99.9 | 99.9 | 43.0 | 8. |
| 36.3 | 101.3 | 11440.2 | 225.0 | -53.1 | -69.9 | 268.5 | 50.0 | 49.9 | 3.9 | 337.2 | 333.9 | 99.9 | 99.9 | 50.8 | 8. |
| 39.0 | 106.5 | 12190.7 | 200.0 | -58.6 | -69.9 | 268.1 | 53.2 | 52.4 | 9.1 | 340.0 | 333.9 | 99.9 | 99.9 | 59.4 | 8. |
| 42.0 | 112.5 | 13015.4 | 175.0 | -64.5 | -69.9 | 257.7 | 50.7 | 49.8 | 9.1 | 343.5 | 339.9 | 99.9 | 99.9 | 68.7 | 8. |
| 45.2 | 118.8 | 13956.6 | 150.0 | -64.6 | -69.9 | 265.5 | 40.4 | 40.3 | 3.1 | 358.9 | 333.8 | 99.9 | 99.9 | 77.0 | 8. |
| 49.2 | 126.0 | 15071.3 | 125.0 | -65.2 | -69.9 | 247.3 | 28.4 | 25.9 | 10.9 | 376.9 | 339.9 | 99.9 | 99.9 | 85.8 | 8. |
| 54.2 | 134.3 | 16431.6 | 100.0 | -65.9 | -69.9 | 265.0 | 22.9 | 22.6 | 2.0 | 400.5 | 349.9 | 99.9 | 99.9 | 95.3 | 6. |
| 59.9 | 142.7 | 18187.2 | 75.0 | -66.4 | -69.9 | 268.0 | 4.3 | 4.3 | 0.3 | 433.7 | 349.9 | 99.9 | 99.9 | 100.6 | 4. |
| 68.0 | 151.7 | 20685.7 | 50.0 | -57.7 | -69.9 | 232.2 | 6.9 | 5.4 | 4.2 | 507.7 | 349.9 | 99.9 | 99.9 | 102.4 | 4. |
| 81.8 | 161.7 | 25150.2 | 25.0 | -49.1 | -69.9 | 0.1 | 6.4 | -0.0 | -0.4 | 643.8 | 349.9 | 99.9 | 99.9 | 102.3 | 8. |

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0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304

MATTERAS, NC

24 APRIL 1975

2315 GMT

155 15. 0

| TIME MIN | CATCT | WEIGHT GPH | PRES MB | TEMP DG C | CEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SLC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.7 | 4.0 | 1010.4 | 21.1 | 16.3 | 230.0 | 6.7 | 5.1 | 4.3 | 294.3 | 324.3 | 11.5 | 74.0 | 0.9 | 0. |
| 0.5 | 5.8 | 161.8 | 1000.0 | 19.7 | 15.2 | 210.3 | 17.3 | 10.2 | 17.9 | 294.3 | 322.8 | 10.9 | 75.0 | 0.9 | 35. |
| 1.4 | 7.8 | 379.9 | 975.0 | 18.3 | 14.3 | 217.6 | 17.8 | 10.9 | 14.1 | 294.9 | 322.7 | 10.6 | 77.7 | 1.4 | 36. |
| 2.1 | 5.8 | 602.0 | 950.0 | 15.0 | 13.0 | 217.6 | 21.0 | 12.9 | 16.7 | 294.6 | 320.8 | 10.0 | 83.3 | 2.3 | 37. |
| 2.8 | 11.5 | 825.6 | 925.0 | 14.4 | 10.9 | 220.6 | 22.5 | 14.7 | 17.1 | 295.2 | 318.9 | 8.9 | 76.4 | 3.1 | 17. |
| 3.6 | 13.9 | 1059.7 | 900.0 | 13.2 | 4.3 | 222.8 | 28.5 | 13.9 | 15.0 | 295.9 | 311.8 | 5.9 | 55.1 | 4.2 | 36. |
| 4.4 | 15.7 | 1296.7 | 875.0 | 12.0 | -3.2 | 220.6 | 17.8 | 11.6 | 13.5 | 297.8 | 307.7 | 3.5 | 32.6 | 5.1 | 30. |
| 5.2 | 17.9 | 1539.6 | 850.0 | 11.6 | 2.3 | 220.9 | 17.4 | 11.4 | 12.9 | 299.0 | 314.2 | 5.5 | 54.3 | 5.9 | 39. |
| 6.0 | 20.1 | 1718.7 | 825.0 | 10.0 | 1.8 | 224.1 | 18.6 | 13.4 | 12.9 | 299.8 | 314.6 | 5.3 | 50.9 | 6.8 | 40. |
| 6.9 | 22.1 | 2044.5 | 800.0 | 9.8 | -3.6 | 230.1 | 17.8 | 15.3 | 9.2 | 302.0 | 312.6 | 3.7 | 38.9 | 7.9 | 41. |
| 7.9 | 24.4 | 2307.9 | 775.0 | 8.3 | 0.1 | 252.5 | 18.4 | 15.6 | 4.9 | 303.4 | 317.5 | 4.8 | 58.3 | 8.6 | 44. |
| 8.7 | 26.5 | 2578.8 | 750.0 | 7.8 | -1.0 | 255.5 | 14.1 | 13.9 | 3.6 | 305.6 | 319.3 | 4.8 | 53.8 | 9.3 | 47. |
| 9.7 | 28.9 | 2857.6 | 725.0 | 6.0 | -1.1 | 267.3 | 13.4 | 13.4 | 0.6 | 306.6 | 320.7 | 4.9 | 60.6 | 10.0 | 44. |
| 10.5 | 31.5 | 3144.6 | 700.0 | 4.7 | -1.8 | 279.3 | 13.9 | 13.7 | -2.3 | 308.3 | 321.4 | 4.5 | 59.0 | 10.4 | 52. |
| 11.5 | 34.3 | 3440.2 | 675.0 | 3.2 | -3.8 | 279.7 | 18.3 | 16.0 | -2.7 | 309.7 | 322.3 | 4.3 | 59.9 | 11.1 | 51. |
| 12.4 | 36.3 | 3746.2 | 650.0 | 2.0 | -6.3 | 283.0 | 15.3 | 14.9 | -3.9 | 311.6 | 322.6 | 3.7 | 54.1 | 11.7 | 59. |
| 13.5 | 39.0 | 4061.3 | 625.0 | -1.0 | -7.2 | 288.7 | 15.8 | 15.0 | -5.1 | 311.7 | 322.4 | 3.6 | 62.8 | 12.3 | 62. |
| 14.4 | 41.6 | 4382.3 | 600.0 | -3.2 | -7.9 | 286.3 | 17.5 | 16.6 | -5.5 | 312.9 | 323.5 | 3.5 | 69.9 | 13.0 | 75. |
| 15.4 | 44.3 | 4722.0 | 575.0 | -5.8 | -10.2 | 289.2 | 17.5 | 16.6 | -5.8 | 313.6 | 323.0 | 3.1 | 70.8 | 13.8 | 68. |
| 16.5 | 47.2 | 5058.8 | 550.0 | -8.7 | -12.6 | 289.1 | 17.1 | 16.5 | -4.2 | 314.1 | 324.2 | 2.6 | 73.0 | 14.7 | 71. |
| 17.6 | 50.2 | 5428.4 | 525.0 | -10.7 | -14.7 | 283.2 | 16.6 | 16.2 | -2.8 | 315.8 | 323.1 | 2.3 | 72.5 | 15.7 | 73. |
| 18.9 | 53.0 | 5801.8 | 500.0 | -13.0 | -18.3 | 286.5 | 16.3 | 15.5 | -5.2 | 317.3 | 323.1 | 1.8 | 64.3 | 16.7 | 75. |
| 19.9 | 56.0 | 6181.3 | 475.0 | -15.5 | -20.9 | 287.7 | 15.8 | 15.2 | -4.3 | 318.9 | 323.8 | 1.5 | 63.5 | 17.5 | 77. |
| 21.1 | 59.3 | 6597.0 | 450.0 | -18.0 | -25.0 | 282.5 | 16.4 | 16.0 | -3.5 | 319.7 | 323.3 | 1.1 | 58.1 | 18.5 | 79. |
| 22.3 | 62.6 | 7020.9 | 425.0 | -21.8 | -29.9 | 280.7 | 16.3 | 16.0 | -3.0 | 321.1 | 323.6 | 0.7 | 47.7 | 19.7 | 80. |
| 23.6 | 65.9 | 7423.4 | 400.0 | -26.0 | -30.7 | 280.4 | 17.3 | 17.0 | -3.1 | 321.2 | 323.7 | 0.7 | 44.7 | 21.0 | 81. |
| 25.2 | 69.6 | 7927.0 | 375.0 | -29.9 | -33.2 | 276.9 | 18.3 | 18.0 | -2.8 | 322.0 | 324.1 | 0.6 | 73.4 | 22.5 | 83. |
| 26.9 | 73.2 | 8416.6 | 350.0 | -31.8 | -35.5 | 274.8 | 11.5 | 11.5 | -1.3 | 325.4 | 326.5 | 0.2 | 24.0 | 24.0 | 84. |
| 28.4 | 77.2 | 8937.7 | 325.0 | -35.3 | -38.9 | 268.9 | 9.8 | 9.8 | 0.5 | 328.0 | 328.5 | 0.1 | 23.1 | 24.9 | 84. |
| 30.1 | 81.3 | 9485.2 | 300.0 | -40.6 | -42.6 | 258.8 | 13.6 | 13.3 | 2.4 | 328.2 | 329.9 | 99.9 | 99.9 | 26.0 | 84. |
| 32.0 | 85.7 | 10075.2 | 275.0 | -45.8 | -45.8 | 272.0 | 14.6 | 14.5 | -0.5 | 328.9 | 329.9 | 99.9 | 99.9 | 27.6 | 84. |
| 33.9 | 90.4 | 10702.8 | 250.0 | -51.1 | -49.9 | 272.8 | 13.1 | 13.1 | -0.6 | 330.1 | 329.9 | 99.9 | 99.9 | 28.9 | 84. |
| 35.9 | 95.5 | 11378.9 | 225.0 | -57.3 | -53.9 | 278.0 | 10.6 | 10.5 | -1.5 | 330.8 | 329.9 | 99.9 | 99.9 | 30.6 | 85. |
| 38.1 | 100.7 | 12113.5 | 200.0 | -63.1 | -59.9 | 295.8 | 12.6 | 10.9 | -6.3 | 332.9 | 329.9 | 99.9 | 99.9 | 32.1 | 86. |
| 40.5 | 106.9 | 12727.6 | 175.0 | -64.7 | -64.7 | 291.6 | 23.1 | 21.5 | -6.5 | 343.2 | 329.9 | 99.9 | 99.9 | 34.7 | 88. |
| 43.3 | 113.3 | 13665.4 | 150.0 | -66.0 | -66.0 | 294.4 | 26.4 | 24.0 | -10.9 | 356.5 | 329.9 | 99.9 | 99.9 | 38.2 | 91. |
| 46.6 | 120.3 | 14597.9 | 125.0 | -59.7 | -69.9 | 284.1 | 33.8 | 32.7 | -8.2 | 386.9 | 329.9 | 99.9 | 99.9 | 44.3 | 92. |
| 50.5 | 128.3 | 16376.5 | 100.0 | -63.5 | -69.9 | 302.2 | 11.5 | 9.7 | -6.1 | 405.0 | 329.9 | 99.9 | 99.9 | 49.1 | 95. |
| 55.2 | 137.3 | 18114.4 | 75.0 | -66.4 | -69.9 | 72.2 | 2.8 | -2.7 | -0.9 | 433.7 | 329.9 | 99.9 | 99.9 | 50.7 | 96. |
| 62.2 | 145.3 | 20620.8 | 50.0 | -60.0 | -69.9 | 327.9 | 5.1 | 2.7 | -4.3 | 502.2 | 329.9 | 99.9 | 99.9 | 52.4 | 96. |
| 73.2 | 194.3 | 29020.3 | 25.0 | -53.1 | -69.9 | 0.8 | 4.8 | -0.1 | -4.8 | 632.3 | 329.9 | 99.9 | 99.9 | 51.6 | 96. |

ORIGINAL PAGE IS
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STATION NO. 311
ATHENS, GA24 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | WEIGHT GFM | DPES MB | TEMP DG C | CLW DT DG C | DIR DG | SPEED M/SFC | U COMP M/SFC | V COMP M/SEC | POT Y DG K | E POT T DG K | MR PTO GM/KG | RM PCY | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.9 | 246.0 | 980.5 | 24.7 | 16.7 | 220.0 | 4.2 | 2.7 | 3.2 | 300.5 | 333.1 | 12.2 | 41.0 | 0.0 | 0 |
| 0.9 | 9.3 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 6.3 | 366.5 | 975.0 | 23.4 | 13.0 | 222.0 | 8.4 | 5.7 | 6.2 | 300.1 | 327.5 | 10.2 | 54.8 | 0.3 | 45 |
| 1.4 | 10.5 | 552.0 | 950.0 | 22.0 | 13.7 | 225.1 | 10.2 | 7.3 | 7.2 | 300.9 | 327.9 | 10.8 | 54.8 | 0.7 | 45 |
| 2.2 | 12.4 | 823.0 | 925.0 | 19.3 | 12.7 | 225.8 | 11.0 | 8.6 | 8.3 | 300.4 | 326.2 | 9.6 | 62.3 | 1.3 | 46 |
| 3.2 | 13.2 | 1056.0 | 900.0 | 17.0 | 11.2 | 225.9 | 11.0 | 8.3 | 8.0 | 300.3 | 325.5 | 9.3 | 68.6 | 2.3 | 46 |
| 4.3 | 17.4 | 1208.0 | 875.0 | 14.6 | 10.9 | 226.7 | 12.9 | 9.8 | 8.3 | 300.2 | 325.5 | 9.3 | 77.7 | 2.6 | 46 |
| 4.9 | 19.3 | 1543.5 | 850.0 | 12.2 | 9.7 | 241.9 | 13.7 | 12.1 | 6.5 | 300.1 | 324.4 | 9.0 | 84.6 | 3.3 | 46 |
| 5.8 | 22.2 | 1764.2 | 825.0 | 10.8 | 8.5 | 242.5 | 14.4 | 13.7 | 4.3 | 301.2 | 324.4 | 8.5 | 95.7 | 4.0 | 52 |
| 6.7 | 24.7 | 2050.0 | 800.0 | 9.6 | 5.9 | 241.9 | 15.1 | 14.9 | 2.1 | 302.3 | 322.6 | 7.3 | 77.7 | 4.7 | 50 |
| 7.6 | 27.1 | 2314.2 | 775.0 | 7.4 | 4.3 | 268.7 | 15.4 | 15.4 | 0.3 | 302.6 | 321.3 | 6.7 | 80.4 | 5.5 | 60 |
| 8.6 | 29.4 | 2594.0 | 750.0 | 5.6 | 1.7 | 274.6 | 15.6 | 15.6 | -1.2 | 303.5 | 319.8 | 5.8 | 75.8 | 6.3 | 65 |
| 9.5 | 32.4 | 2461.4 | 725.0 | 4.6 | -4.2 | 272.2 | 15.0 | 14.2 | -1.9 | 305.0 | 316.4 | 4.0 | 54.0 | 7.0 | 66 |
| 10.4 | 35.1 | 3147.5 | 700.0 | 4.3 | -12.4 | 273.6 | 16.3 | 16.3 | -1.0 | 307.5 | 314.0 | 2.1 | 28.9 | 7.9 | 71 |
| 11.3 | 37.7 | 3443.5 | 675.0 | 4.3 | -19.8 | 276.6 | 20.9 | 20.9 | -0.2 | 310.6 | 314.3 | 1.2 | 15.3 | 9.2 | 74 |
| 12.9 | 40.5 | 3750.3 | 650.0 | 3.4 | -10.7 | 268.7 | 25.0 | 25.0 | 0.5 | 313.2 | 321.2 | 2.6 | 34.5 | 10.7 | 77 |
| 14.1 | 43.2 | 4057.2 | 625.0 | 1.2 | -11.9 | 268.7 | 26.8 | 26.8 | 0.6 | 314.1 | 321.8 | 2.5 | 37.1 | 12.4 | 79 |
| 15.2 | 46.1 | 4594.3 | 600.0 | -1.0 | -14.9 | 272.1 | 26.8 | 26.8 | -0.9 | 315.2 | 321.5 | 2.0 | 33.8 | 14.3 | 81 |
| 16.5 | 48.1 | 4732.3 | 575.0 | -3.7 | -22.4 | 275.7 | 28.4 | 28.3 | -2.4 | 315.7 | 319.3 | 1.1 | 21.8 | 16.0 | 81 |
| 17.8 | 50.3 | 5081.4 | 550.0 | -5.9 | -24.6 | 275.7 | 28.0 | 25.6 | -4.4 | 317.1 | 319.3 | 0.6 | 14.4 | 17.9 | 81 |
| 19.1 | 52.1 | 5442.5 | 525.0 | -9.0 | -31.0 | 287.2 | 24.8 | 23.7 | -7.3 | 317.6 | 319.4 | 0.5 | 14.8 | 19.7 | 85 |
| 20.4 | 54.3 | 5818.5 | 500.0 | -12.1 | -33.3 | 294.0 | 23.7 | 22.6 | -10.0 | 318.3 | 319.8 | 0.4 | 14.3 | 21.5 | 87 |
| 21.8 | 56.3 | 6509.5 | 475.0 | -14.2 | -37.1 | 294.4 | 23.9 | 21.8 | -9.9 | 320.4 | 321.5 | 0.2 | 12.3 | 23.4 | 90 |
| 23.4 | 58.3 | 7042.9 | 450.0 | -17.2 | -39.3 | 291.6 | 23.9 | 24.1 | -9.5 | 321.6 | 322.6 | 0.3 | 12.5 | 25.5 | 92 |
| 25.1 | 60.1 | 7487.7 | 425.0 | -20.9 | -41.3 | 297.3 | 20.5 | 19.6 | -6.1 | 322.2 | 323.1 | 0.2 | 14.0 | 27.6 | 93 |
| 26.5 | 75.6 | 7954.0 | 375.0 | -24.5 | -42.4 | 298.6 | 21.1 | 19.9 | -6.7 | 323.1 | 323.9 | 0.2 | 17.1 | 29.1 | 94 |
| 28.3 | 75.6 | 8444.1 | 350.0 | -28.6 | -44.7 | 294.1 | 21.0 | 20.3 | -5.0 | 323.7 | 324.4 | 0.2 | 15.4 | 32.1 | 95 |
| 30.3 | 75.6 | 8844.1 | 350.0 | -32.5 | -47.9 | 285.8 | 21.0 | 20.3 | -5.7 | 324.8 | 325.3 | 0.1 | 19.7 | 34.1 | 94 |
| 32.3 | 75.6 | 9242.7 | 325.0 | -36.0 | -49.2 | 291.0 | 18.9 | 17.6 | -6.8 | 327.0 | 327.5 | 0.1 | 24.0 | 36.7 | 96 |
| 34.4 | 75.6 | 9714.6 | 300.0 | -40.1 | -50.9 | 292.6 | 17.6 | 16.2 | -6.8 | 324.0 | 327.5 | 99.9 | 99.9 | 39.1 | 97 |
| 36.2 | 75.6 | 10102.8 | 275.0 | -44.8 | -52.3 | 317.9 | 17.0 | 11.4 | -12.6 | 330.4 | 327.5 | 99.9 | 99.9 | 40.6 | 94 |
| 38.2 | 75.6 | 10731.2 | 250.0 | -51.1 | -59.9 | 311.3 | 17.3 | 13.0 | -11.5 | 330.1 | 327.5 | 99.9 | 99.9 | 42.2 | 100 |
| 40.6 | 101.4 | 11426.2 | 225.0 | -57.5 | -60.9 | 307.4 | 12.7 | 10.1 | -7.7 | 330.4 | 327.5 | 99.9 | 99.9 | 44.7 | 102 |
| 43.2 | 107.9 | 12141.6 | 200.0 | -60.9 | -60.9 | 307.4 | 12.7 | 15.0 | -1.2 | 336.3 | 327.5 | 99.9 | 99.9 | 46.2 | 102 |
| 46.7 | 118.9 | 12969.3 | 175.0 | -63.7 | -63.7 | 298.0 | 30.9 | 29.6 | -8.9 | 344.9 | 327.5 | 99.9 | 99.9 | 51.4 | 102 |
| 50.7 | 119.2 | 13917.2 | 150.0 | -62.9 | -63.7 | 298.0 | 30.1 | 33.4 | -6.9 | 361.8 | 327.5 | 99.9 | 99.9 | 57.4 | 102 |
| 54.5 | 126.0 | 15046.7 | 125.0 | -61.4 | -63.7 | 272.0 | 27.5 | 27.5 | -0.9 | 333.7 | 327.5 | 99.9 | 99.9 | 60.1 | 101 |
| 58.3 | 130.3 | 16416.5 | 100.0 | -65.8 | -63.7 | 294.0 | 14.9 | 13.6 | -6.1 | 400.5 | 327.5 | 99.9 | 99.9 | 74.4 | 101 |
| 62.4 | 142.3 | 18140.8 | 75.0 | -66.6 | -63.7 | 292.1 | 11.5 | 10.6 | -4.3 | 433.3 | 327.5 | 99.9 | 99.9 | 79.3 | 102 |
| 70.4 | 151.7 | 23620.4 | 50.0 | -61.4 | -63.7 | 101.5 | 2.5 | -2.4 | 0.5 | 458.9 | 327.5 | 99.9 | 99.9 | 80.2 | 102 |
| 97.8 | 162.3 | 25034.2 | 25.0 | -51.5 | -59.9 | 40.4 | 0.9 | -5.8 | -6.8 | 436.6 | 327.5 | 99.9 | 99.9 | 86.2 | 106 |

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 317
GREENSBORO, NC26 APRIL 1975
2115 GMT

| TIME MIN | CNTCT | HEIGHT CM | PRES MB | TEMP DEG C | CLD PT DEG C | DIR °C | SPEED M/SEC | U COMP M/SEC | V CORR M/SEC | PCT T DEG C | E POT T DEG C | MR STD CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|--------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 0.1 | 275.0 | 901.5 | 24.4 | 15.6 | 200.0 | 7.2 | 2.5 | 0.0 | 300.7 | 331.4 | 11.5 | 50.0 | 0.0 | 0 |
| 00.9 | 00.9 | 50.0 | 1000.0 | 29.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 0.0 | 333.3 | 975.0 | 23.9 | 12.6 | 223.4 | 12.3 | 0.5 | 9.0 | 360.5 | 320.1 | 9.5 | 49.3 | 0.3 | 21 |
| 0.7 | 11.0 | 550.7 | 925.0 | 22.1 | 12.0 | 225.4 | 13.9 | 10.0 | 9.7 | 300.9 | 320.2 | 9.3 | 52.7 | 0.5 | 31 |
| 1.2 | 12.5 | 700.6 | 925.0 | 19.5 | 11.1 | 223.2 | 14.9 | 10.2 | 10.9 | 300.4 | 320.3 | 9.1 | 58.7 | 1.0 | 30 |
| 1.9 | 15.0 | 1025.0 | 900.0 | 16.9 | 10.5 | 226.7 | 20.7 | 15.1 | 14.2 | 300.1 | 320.3 | 8.9 | 66.1 | 1.7 | 40 |
| 2.8 | 16.3 | 125.5 | 875.0 | 15.0 | 11.3 | 226.2 | 21.5 | 17.0 | 13.2 | 300.6 | 320.0 | 9.7 | 70.7 | 2.9 | 40 |
| 3.7 | 20.0 | 1510.0 | 850.0 | 12.7 | 11.4 | 230.2 | 22.2 | 14.9 | 11.7 | 300.8 | 320.9 | 10.1 | 92.2 | 3.3 | 47 |
| 4.6 | 22.2 | 1761.5 | 825.0 | 12.0 | 9.1 | 207.9 | 22.4 | 23.7 | 8.4 | 302.5 | 320.0 | 8.9 | 82.5 | 5.1 | 51 |
| 5.3 | 25.7 | 2019.0 | 800.0 | 11.5 | 6.5 | 257.0 | 22.9 | 22.0 | 4.9 | 304.4 | 325.6 | 7.6 | 71.5 | 6.3 | 50 |
| 6.0 | 28.3 | 2245.0 | 775.0 | 10.5 | 3.0 | 263.0 | 22.7 | 22.0 | 2.0 | 305.9 | 320.0 | 6.4 | 62.2 | 8.3 | 51 |
| 6.9 | 31.0 | 2557.1 | 750.0 | 8.0 | 2.4 | 267.0 | 23.1 | 23.1 | 1.0 | 306.1 | 323.3 | 6.1 | 67.5 | 9.3 | 01 |
| 7.9 | 33.3 | 2836.3 | 725.0 | 6.0 | 1.6 | 273.2 | 22.9 | 22.0 | -1.3 | 306.0 | 323.7 | 5.9 | 73.2 | 9.3 | 01 |
| 9.1 | 36.4 | 3123.2 | 700.0 | 4.2 | -0.3 | 275.0 | 26.5 | 24.4 | -2.5 | 307.8 | 323.2 | 5.3 | 72.3 | 10.7 | 70 |
| 10.2 | 39.3 | 3414.3 | 675.0 | 2.1 | -3.0 | 277.0 | 26.4 | 26.2 | -3.2 | 308.5 | 321.0 | 4.6 | 69.1 | 12.3 | 70 |
| 11.3 | 42.0 | 3722.0 | 650.0 | -0.3 | -5.4 | 278.9 | 28.5 | 28.3 | -2.9 | 309.1 | 323.7 | 3.9 | 68.4 | 14.0 | 72 |
| 12.5 | 45.0 | 4034.7 | 625.0 | 0.5 | -15.9 | 285.1 | 25.3 | 25.1 | 2.2 | 313.2 | 315.8 | 1.0 | 27.9 | 15.5 | 70 |
| 13.5 | 48.1 | 4361.0 | 600.0 | -1.5 | -31.8 | 281.2 | 27.5 | 27.2 | 4.2 | 314.4 | 315.9 | 0.4 | 7.7 | 17.4 | 70 |
| 14.5 | 51.3 | 4650.9 | 575.0 | -4.3 | -30.5 | 281.1 | 27.4 | 27.1 | 4.2 | 315.0 | 316.0 | 0.5 | 10.8 | 19.2 | 70 |
| 15.5 | 54.1 | 5047.1 | 550.0 | -7.3 | -28.4 | 282.0 | 25.8 | 25.0 | 3.6 | 315.2 | 317.4 | 0.7 | 17.0 | 20.7 | 70 |
| 16.6 | 57.3 | 5407.8 | 525.0 | -5.7 | -48.4 | 282.8 | 25.5 | 25.4 | 1.4 | 316.7 | 317.0 | 0.1 | 2.5 | 22.4 | 00 |
| 17.7 | 60.5 | 5782.0 | 500.0 | -13.0 | -49.6 | 271.2 | 24.3 | 24.3 | -0.5 | 317.2 | 317.5 | 0.1 | 2.9 | 24.3 | 00 |
| 18.9 | 64.3 | 6172.3 | 475.0 | -14.2 | -50.0 | 271.7 | 24.2 | 24.2 | -0.7 | 320.4 | 320.7 | 0.1 | 3.0 | 25.7 | 01 |
| 20.1 | 67.3 | 6579.5 | 450.0 | -17.6 | -51.5 | 270.9 | 22.4 | 22.6 | -0.4 | 321.0 | 321.3 | 0.1 | 3.3 | 27.5 | 02 |
| 21.5 | 70.3 | 7004.7 | 425.0 | -20.6 | -52.9 | 272.1 | 22.7 | 22.7 | -0.1 | 322.5 | 322.7 | 0.1 | 3.6 | 29.1 | 02 |
| 22.7 | 74.6 | 7450.1 | 400.0 | -24.1 | -56.7 | 277.9 | 18.7 | 18.5 | -2.6 | 323.4 | 323.8 | 0.1 | 4.0 | 30.6 | 03 |
| 23.9 | 78.5 | 7910.9 | 375.0 | -29.3 | -56.9 | 277.2 | 23.2 | 23.0 | -2.9 | 324.1 | 324.3 | 0.0 | 4.4 | 32.0 | 03 |
| 25.0 | 82.3 | 8474.5 | 350.0 | -32.1 | -59.1 | 280.9 | 18.5 | 18.1 | -3.5 | 325.4 | 325.6 | 0.0 | 4.8 | 33.5 | 04 |
| 26.3 | 86.3 | 8926.7 | 325.0 | -36.4 | -61.7 | 284.4 | 18.6 | 18.0 | -4.6 | 326.4 | 326.6 | 0.0 | 5.3 | 35.0 | 05 |
| 27.6 | 90.4 | 9477.5 | 300.0 | -40.3 | -69.9 | 292.5 | 16.0 | 15.8 | -6.1 | 328.5 | 328.9 | 99.9 | 99.9 | 36.0 | 06 |
| 29.2 | 95.4 | 10064.0 | 275.0 | -45.3 | -69.9 | 294.1 | 13.2 | 12.8 | -3.2 | 329.0 | 329.9 | 99.9 | 99.9 | 37.3 | 07 |
| 31.1 | 100.2 | 10692.0 | 250.0 | -50.9 | -69.9 | 296.1 | 15.0 | 14.7 | 2.0 | 330.4 | 330.9 | 99.9 | 99.9 | 39.9 | 07 |
| 33.1 | 105.2 | 11370.7 | 225.0 | -56.3 | -69.9 | 298.7 | 12.6 | 12.6 | 0.1 | 332.2 | 332.9 | 99.9 | 99.9 | 41.5 | 07 |
| 34.9 | 110.7 | 12106.4 | 200.0 | -61.9 | -69.9 | 291.5 | 11.7 | 11.5 | -2.3 | 334.0 | 334.9 | 99.9 | 99.9 | 43.4 | 07 |
| 36.9 | 116.3 | 12925.1 | 175.0 | -64.0 | -69.9 | 273.4 | 21.6 | 21.5 | -1.3 | 341.0 | 341.9 | 99.9 | 99.9 | 43.4 | 07 |
| 39.3 | 123.0 | 13872.6 | 150.0 | -61.2 | -69.9 | 289.3 | 28.9 | 27.3 | -9.6 | 340.7 | 340.9 | 99.9 | 99.9 | 47.6 | 06 |
| 42.4 | 125.0 | 15006.4 | 125.0 | -62.0 | -69.9 | 288.2 | 25.0 | 25.0 | 0.0 | 342.7 | 342.9 | 99.9 | 99.9 | 52.1 | 02 |
| 46.1 | 137.0 | 16381.7 | 100.0 | -63.7 | -69.9 | 282.1 | 17.3 | 16.9 | -3.6 | 404.6 | 399.9 | 99.9 | 99.9 | 58.1 | 01 |
| 51.3 | 144.7 | 18137.0 | 75.0 | -64.2 | -69.9 | 300.1 | 2.0 | 2.4 | -1.4 | 438.3 | 399.9 | 99.9 | 99.9 | 61.3 | 02 |
| 59.2 | 152.0 | 20651.5 | 50.0 | -60.8 | -69.9 | 499.0 | 99.9 | 99.9 | 99.9 | 500.7 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.0 | 95.6 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

ORIGINAL PAGE IS
 OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 327
NASHVILL, TENN24 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.7 | 5.2 | 100.0 | 991.4 | 24.3 | 19.8 | 190.0 | 3.2 | 0.6 | 3.2 | 300.2 | 339.5 | 14.9 | 76.0 | 0.0 | 0. |
| 9.9 | 9.9 | 59.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 99.9 |
| 0.5 | 6.5 | 326.9 | 975.0 | 24.7 | 19.1 | 307.9 | 3.0 | 3.0 | -2.4 | 302.0 | 340.7 | 14.5 | 71.1 | 0.3 | 42. |
| 1.3 | 6.7 | 555.2 | 950.0 | 24.3 | 17.3 | 230.9 | 14.3 | 8.0 | 11.9 | 303.6 | 339.3 | 13.2 | 65.3 | 0.6 | 44. |
| 2.2 | 10.9 | 788.4 | 925.0 | 22.1 | 15.5 | 230.0 | 14.8 | 11.4 | 9.5 | 303.5 | 336.2 | 12.1 | 64.3 | 1.5 | 44. |
| 2.9 | 13.1 | 1026.1 | 900.0 | 20.1 | 14.3 | 237.8 | 15.1 | 12.8 | 8.1 | 304.8 | 335.0 | 11.5 | 65.3 | 2.1 | 44. |
| 3.7 | 15.3 | 1209.1 | 875.0 | 17.9 | 13.5 | 237.3 | 17.2 | 14.5 | 9.3 | 303.6 | 334.4 | 11.2 | 75.2 | 2.9 | 44. |
| 4.4 | 17.5 | 1516.7 | 850.0 | 15.4 | 12.6 | 241.7 | 19.3 | 17.0 | 9.2 | 303.7 | 333.3 | 10.9 | 83.4 | 3.6 | 31. |
| 5.3 | 20.3 | 1769.8 | 825.0 | 14.1 | 9.3 | 259.9 | 19.8 | 19.5 | 3.5 | 306.7 | 329.4 | 9.0 | 73.1 | 4.6 | 55. |
| 6.2 | 22.2 | 2035.7 | 800.0 | 12.7 | 0.8 | 272.0 | 17.2 | 17.2 | -0.6 | 305.7 | 327.5 | 7.8 | 67.0 | 5.5 | 50. |
| 7.1 | 24.7 | 2255.8 | 775.0 | 10.6 | 4.5 | 279.5 | 16.8 | 16.5 | -2.8 | 306.1 | 325.4 | 6.8 | 65.8 | 6.2 | 64. |
| 7.9 | 26.0 | 2508.4 | 750.0 | 8.9 | 3.9 | 280.3 | 16.0 | 15.8 | -2.9 | 307.1 | 326.4 | 6.8 | 71.1 | 7.9 | 73. |
| 8.9 | 28.6 | 2848.7 | 725.0 | 6.7 | 3.4 | 279.9 | 16.3 | 16.1 | -2.8 | 307.7 | 327.0 | 6.8 | 79.4 | 7.7 | 73. |
| 9.8 | 32.2 | 3136.5 | 700.0 | 5.0 | 1.8 | 280.1 | 17.3 | 17.1 | -3.0 | 308.8 | 326.7 | 6.3 | 80.1 | 8.6 | 76. |
| 10.8 | 34.9 | 3472.5 | 675.0 | 2.5 | -0.1 | 278.4 | 19.6 | 19.4 | -2.9 | 309.2 | 325.4 | 5.6 | 82.5 | 9.5 | 74. |
| 11.8 | 37.6 | 3737.5 | 650.0 | 0.8 | -4.4 | 280.1 | 20.7 | 20.3 | -3.6 | 310.4 | 322.9 | 4.2 | 67.9 | 10.7 | 11. |
| 12.9 | 40.3 | 4031.5 | 625.0 | -1.7 | -8.7 | 278.7 | 22.2 | 21.9 | -3.4 | 310.5 | 320.5 | 3.2 | 58.9 | 12.1 | 12. |
| 14.2 | 43.0 | 4375.0 | 600.0 | -4.2 | -12.0 | 280.2 | 22.9 | 22.5 | -4.0 | 311.6 | 319.4 | 2.5 | 54.2 | 13.8 | 14. |
| 15.1 | 46.3 | 4709.5 | 575.0 | -6.4 | -21.2 | 280.1 | 22.8 | 22.5 | -4.0 | 312.6 | 316.5 | 1.2 | 26.7 | 15.2 | 17. |
| 16.5 | 49.0 | 5055.8 | 550.0 | -9.2 | -28.1 | 280.6 | 24.5 | 24.0 | -4.5 | 314.4 | 316.7 | 0.7 | 18.2 | 16.8 | 18. |
| 17.8 | 51.9 | 5416.9 | 525.0 | -9.3 | -29.5 | 283.9 | 29.4 | 28.6 | -7.1 | 317.3 | 319.4 | 0.6 | 17.4 | 19.9 | 20. |
| 19.1 | 54.0 | 5793.4 | 500.0 | -10.5 | -28.1 | 280.8 | 29.7 | 29.2 | -5.5 | 320.2 | 322.8 | 0.8 | 22.0 | 21.3 | 21. |
| 20.5 | 56.1 | 6186.1 | 475.0 | -13.4 | -30.4 | 278.3 | 28.1 | 27.9 | -4.1 | 321.4 | 323.6 | 0.6 | 22.2 | 23.5 | 22. |
| 22.0 | 61.6 | 6594.8 | 450.0 | -17.1 | -33.5 | 277.0 | 26.9 | 26.7 | -3.3 | 321.7 | 323.4 | 0.5 | 22.4 | 24.0 | 23. |
| 23.4 | 65.0 | 7020.7 | 425.0 | -20.6 | -35.6 | 280.2 | 24.5 | 24.1 | -4.4 | 322.5 | 324.0 | 0.4 | 24.6 | 24.2 | 24. |
| 25.0 | 68.4 | 7455.7 | 400.0 | -24.5 | -37.0 | 282.0 | 24.6 | 24.0 | -5.4 | 323.1 | 324.5 | 0.4 | 30.1 | 30.4 | 25. |
| 26.3 | 72.0 | 7931.6 | 375.0 | -28.7 | -40.7 | 284.3 | 24.6 | 23.7 | -6.9 | 323.6 | 324.6 | 0.3 | 30.1 | 32.4 | 26. |
| 27.9 | 75.9 | 8421.9 | 350.0 | -32.4 | -44.9 | 278.1 | 27.5 | 27.2 | -3.9 | 325.0 | 325.7 | 0.2 | 27.2 | 34.8 | 27. |
| 29.5 | 78.8 | 8919.7 | 325.0 | -36.4 | -49.1 | 274.6 | 26.5 | 26.4 | -2.1 | 326.4 | 326.9 | 0.1 | 25.4 | 37.4 | 28. |
| 31.4 | 82.8 | 9439.1 | 300.0 | -41.0 | -49.9 | 272.0 | 25.5 | 25.5 | -0.9 | 327.6 | 326.9 | 99.9 | 95.9 | 40.0 | 29. |
| 33.9 | 86.2 | 10075.1 | 275.0 | -45.5 | -49.9 | 269.2 | 20.5 | 20.5 | 0.3 | 329.2 | 329.9 | 99.9 | 99.9 | 41.2 | 30. |
| 36.5 | 93.0 | 10702.9 | 250.0 | -50.9 | -49.9 | 259.6 | 22.9 | 22.5 | 4.1 | 330.4 | 329.9 | 99.9 | 99.9 | 42.4 | 31. |
| 39.1 | 98.0 | 11381.4 | 225.0 | -55.7 | -49.9 | 251.4 | 23.3 | 22.1 | 7.3 | 333.2 | 329.9 | 99.9 | 99.9 | 50.8 | 32. |
| 41.8 | 103.3 | 12119.6 | 200.0 | -62.4 | -49.9 | 252.2 | 26.6 | 25.3 | 8.1 | 333.9 | 329.9 | 99.9 | 99.9 | 55.5 | 33. |
| 44.9 | 109.3 | 12933.5 | 175.0 | -67.1 | -49.9 | 263.3 | 34.8 | 34.6 | 4.1 | 339.2 | 329.9 | 99.9 | 99.9 | 60.2 | 34. |
| 48.8 | 115.5 | 13881.7 | 150.0 | -56.3 | -49.9 | 276.1 | 36.5 | 36.3 | -3.9 | 367.7 | 329.9 | 99.9 | 99.9 | 65.7 | 35. |
| 53.1 | 122.7 | 15034.3 | 125.0 | -59.3 | -49.9 | 253.0 | 27.7 | 26.5 | 8.1 | 387.7 | 329.9 | 99.9 | 99.9 | 76.3 | 36. |
| 58.2 | 130.8 | 16414.4 | 100.0 | -62.1 | -49.9 | 265.7 | 18.8 | 18.8 | 1.4 | 467.7 | 329.9 | 99.9 | 99.9 | 83.3 | 37. |
| 64.5 | 139.3 | 19174.6 | 75.0 | -63.3 | -49.9 | 270.1 | 5.2 | 5.2 | -0.6 | 440.3 | 329.9 | 99.9 | 99.9 | 88.3 | 38. |
| 73.4 | 148.7 | 20926.6 | 50.0 | -59.3 | -49.9 | 285.5 | 2.8 | 2.7 | -0.7 | 503.8 | 329.9 | 99.9 | 99.9 | 96.3 | 39. |
| 87.3 | 156.3 | 25145.9 | 25.0 | -49.1 | -49.9 | 347.5 | 6.4 | 1.4 | -6.3 | 644.0 | 329.9 | 99.9 | 99.9 | 96.3 | 40. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 340
LITTLE ROCK, ARK

24 APRIL 1975
2315 GMT

| TIME MIN | CATCY | HEIGHT GFN | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR ATO GM/KG | PH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.0 | 79.0 | 1001.7 | 28.3 | 19.5 | 210.0 | 4.6 | 2.3 | 4.0 | 303.3 | 342.0 | 14.4 | 59.0 | 0.0 | 0. |
| 0.1 | 6.0 | 94.1 | 1000.0 | 28.5 | 20.1 | 201.3 | 6.8 | 2.5 | 6.3 | 303.7 | 344.0 | 15.0 | 60.4 | 0.2 | 28. |
| 0.8 | 8.3 | 310.5 | 975.0 | 27.4 | 18.2 | 198.2 | 7.2 | 2.2 | 6.8 | 304.6 | 341.5 | 13.7 | 57.4 | 0.3 | 24. |
| 1.5 | 10.6 | 548.9 | 950.0 | 24.7 | 16.3 | 201.6 | 8.6 | 3.2 | 7.9 | 303.9 | 337.5 | 12.4 | 59.8 | 0.6 | 21. |
| 2.3 | 12.9 | 782.2 | 925.0 | 22.5 | 15.1 | 213.7 | 11.0 | 6.1 | 9.1 | 303.9 | 335.8 | 11.7 | 62.8 | 1.1 | 24. |
| 3.2 | 15.2 | 1020.4 | 900.0 | 20.4 | 14.7 | 219.2 | 12.2 | 7.7 | 9.4 | 304.1 | 336.3 | 11.8 | 70.0 | 1.7 | 24. |
| 4.1 | 17.5 | 1263.5 | 875.0 | 18.1 | 14.0 | 224.6 | 13.1 | 9.2 | 9.3 | 304.2 | 335.7 | 11.6 | 76.4 | 2.4 | 32. |
| 5.0 | 20.1 | 1511.5 | 850.0 | 16.0 | 12.7 | 227.3 | 15.1 | 11.1 | 10.3 | 304.4 | 334.3 | 10.9 | 80.5 | 3.2 | 36. |
| 5.8 | 22.4 | 1765.3 | 825.0 | 13.9 | 11.8 | 230.2 | 16.3 | 12.5 | 10.4 | 304.8 | 331.9 | 10.6 | 85.9 | 3.9 | 34. |
| 6.7 | 25.0 | 2024.7 | 800.0 | 12.3 | 9.2 | 237.7 | 15.3 | 12.9 | 8.2 | 305.5 | 331.0 | 9.2 | 81.6 | 4.7 | 41. |
| 7.4 | 27.4 | 2290.9 | 775.0 | 10.7 | 7.4 | 240.8 | 15.7 | 13.7 | 7.7 | 306.4 | 329.9 | 8.4 | 80.1 | 5.7 | 45. |
| 8.9 | 30.1 | 2563.9 | 750.0 | 8.8 | 6.0 | 235.8 | 15.3 | 12.7 | 8.6 | 307.1 | 329.3 | 7.9 | 82.7 | 6.5 | 47. |
| 9.3 | 32.9 | 2844.2 | 725.0 | 8.2 | -3.0 | 227.6 | 15.0 | 11.1 | 10.1 | 309.0 | 321.7 | 4.3 | 85.0 | 7.5 | 47. |
| 10.7 | 35.5 | 3135.0 | 700.0 | 6.9 | -11.1 | 232.0 | 12.7 | 10.0 | 7.8 | 312.6 | 319.8 | 2.3 | 17.7 | 9.0 | 44. |
| 11.7 | 38.4 | 3434.7 | 675.0 | 7.0 | -15.9 | 245.4 | 11.8 | 11.8 | 4.7 | 313.6 | 318.8 | 1.6 | 18.1 | 9.7 | 50. |
| 12.4 | 41.1 | 3743.3 | 650.0 | 4.7 | -17.5 | 250.8 | 12.5 | 11.8 | 4.1 | 314.4 | 319.1 | 1.5 | 18.1 | 10.1 | 54. |
| 13.9 | 44.1 | 4051.2 | 625.0 | 1.8 | -17.1 | 255.8 | 14.7 | 13.4 | 6.1 | 314.7 | 319.7 | 1.6 | 22.9 | 10.6 | 51. |
| 15.1 | 47.3 | 4382.6 | 600.0 | -1.1 | -17.6 | 261.6 | 17.0 | 14.7 | 8.1 | 315.0 | 320.1 | 1.6 | 27.3 | 11.4 | 53. |
| 16.1 | 50.3 | 4724.5 | 575.0 | -3.7 | -14.8 | 262.2 | 19.3 | 17.0 | 9.0 | 315.9 | 322.5 | 2.1 | 41.7 | 12.4 | 53. |
| 17.3 | 53.4 | 5075.7 | 550.0 | -6.9 | -16.6 | 265.5 | 19.4 | 17.8 | 7.7 | 316.1 | 322.1 | 1.9 | 46.1 | 13.1 | 54. |
| 19.4 | 56.6 | 5436.9 | 525.0 | -9.5 | -18.6 | 261.9 | 22.1 | 21.0 | 6.9 | 317.2 | 323.5 | 2.0 | 58.0 | 15.4 | 56. |
| 19.6 | 60.0 | 5311.5 | 500.0 | -13.0 | -17.4 | 256.3 | 23.8 | 23.1 | 5.6 | 317.4 | 323.6 | 1.9 | 69.5 | 17.1 | 57. |
| 20.0 | 63.6 | 6200.3 | 475.0 | -16.5 | -23.3 | 261.6 | 26.4 | 26.1 | 3.8 | 317.7 | 322.9 | 1.6 | 72.5 | 18.4 | 60. |
| 22.3 | 67.0 | 6605.9 | 450.0 | -17.6 | -29.3 | 259.8 | 24.8 | 24.4 | 4.4 | 321.1 | 321.4 | 0.1 | 4.7 | 20.9 | 62. |
| 23.3 | 70.6 | 7031.1 | 425.0 | -21.1 | -30.9 | 255.3 | 23.5 | 24.7 | 6.5 | 321.8 | 322.1 | 0.1 | 4.4 | 23.0 | 63. |
| 25.4 | 74.3 | 7475.1 | 400.0 | -25.1 | -32.9 | 258.5 | 23.8 | 23.3 | 4.7 | 322.3 | 322.6 | 0.1 | 5.4 | 25.4 | 64. |
| 27.0 | 78.5 | 7940.6 | 375.0 | -28.8 | -32.9 | 260.0 | 24.8 | 24.4 | 4.3 | 323.4 | 323.7 | 0.1 | 7.7 | 27.7 | 66. |
| 28.9 | 82.6 | 8430.2 | 350.0 | -32.7 | -35.4 | 258.6 | 28.3 | 27.7 | 5.6 | 324.5 | 324.8 | 0.1 | 8.3 | 30.4 | 67. |
| 30.6 | 86.9 | 8948.1 | 325.0 | -36.8 | -31.0 | 267.7 | 30.4 | 30.4 | 1.2 | 325.9 | 326.3 | 0.1 | 21.5 | 33.7 | 69. |
| 32.7 | 91.4 | 9497.1 | 300.0 | -41.4 | 99.9 | 266.7 | 34.6 | 34.6 | 2.0 | 327.1 | 997.9 | 99.9 | 99.9 | 36.9 | 71. |
| 34.8 | 96.0 | 10081.9 | 275.0 | -45.7 | 99.9 | 271.9 | 26.8 | 26.8 | -0.2 | 329.1 | 997.9 | 99.9 | 99.9 | 41.3 | 74. |
| 37.2 | 101.0 | 10709.5 | 250.0 | -50.6 | 99.9 | 267.9 | 30.5 | 30.5 | 1.3 | 330.0 | 999.9 | 99.9 | 99.9 | 45.5 | 74. |
| 39.7 | 106.4 | 11384.1 | 225.0 | -55.5 | 99.9 | 271.3 | 42.1 | 42.0 | -1.0 | 333.5 | 999.9 | 99.9 | 99.9 | 51.4 | 76. |
| 42.2 | 112.0 | 12124.9 | 200.0 | -61.1 | 99.9 | 268.2 | 41.6 | 41.8 | 1.3 | 336.0 | 999.9 | 99.9 | 99.9 | 57.5 | 77. |
| 45.4 | 118.3 | 12951.1 | 175.0 | -63.6 | 99.9 | 271.4 | 37.1 | 37.1 | -0.9 | 344.9 | 999.9 | 99.9 | 99.9 | 65.1 | 79. |
| 48.9 | 125.0 | 13902.7 | 150.0 | -61.3 | 99.9 | 262.1 | 39.2 | 38.8 | 5.4 | 344.5 | 999.9 | 99.9 | 99.9 | 73.4 | 80. |
| 53.4 | 132.3 | 15035.7 | 125.0 | -61.7 | 99.9 | 270.3 | 39.4 | 39.4 | -0.2 | 383.3 | 999.9 | 99.9 | 99.9 | 82.1 | 81. |
| 58.9 | 140.0 | 16410.4 | 100.0 | -61.8 | 99.9 | 280.1 | 22.9 | 22.5 | -4.0 | 408.3 | 999.9 | 99.9 | 99.9 | 92.4 | 81. |
| 65.0 | 148.0 | 18177.5 | 75.0 | -65.7 | 99.9 | 273.6 | 14.5 | 14.5 | -0.9 | 435.1 | 999.9 | 99.9 | 99.9 | 97.1 | 82. |
| 73.6 | 157.2 | 23671.9 | 50.0 | -59.1 | 99.9 | 20.5 | 5.4 | -1.9 | -0.9 | 504.3 | 999.9 | 99.9 | 99.9 | 100.5 | 93. |
| 86.6 | 166.5 | 25111.0 | 25.0 | -55.9 | 99.9 | 20.6 | 3.7 | -1.3 | -3.5 | 638.6 | 999.9 | 99.9 | 99.9 | 102.2 | 95. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 349
MONETTE, MO

20 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RH PCT | RANGF KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.4 | 439.0 | 958.0 | 23.8 | 19.1 | 160.0 | 5.2 | -1.8 | 4.9 | 302.6 | 341.9 | 14.7 | 75.0 | 0.0 | 0 |
| 9.9 | 56.9 | 59.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0 |
| 9.9 | 59.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0 |
| 0.2 | 9.2 | 511.8 | 950.0 | 24.2 | 19.9 | 183.8 | 6.9 | 0.5 | 6.9 | 303.9 | 346.0 | 15.7 | 99.9 | 0.2 | 153 |
| 1.0 | 11.3 | 746.4 | 925.0 | 23.1 | 21.9 | 199.2 | 7.4 | 1.2 | 7.3 | 305.4 | 354.4 | 15.3 | 93.5 | 0.4 | 154 |
| 1.9 | 13.5 | 585.6 | 900.0 | 20.5 | 19.5 | 204.5 | 9.2 | 3.8 | 8.4 | 304.7 | 343.5 | 15.2 | 98.6 | 0.9 | 154 |
| 2.8 | 15.3 | 1229.2 | 875.0 | 18.8 | 17.2 | 211.6 | 9.9 | 5.2 | 8.5 | 305.2 | 343.9 | 14.3 | 90.5 | 1.4 | 154 |
| 3.7 | 19.1 | 1478.1 | 850.0 | 16.9 | 15.3 | 224.3 | 11.0 | 7.7 | 7.9 | 305.6 | 341.0 | 13.0 | 90.8 | 1.9 | 154 |
| 4.6 | 20.4 | 1732.7 | 825.0 | 14.8 | 13.5 | 226.5 | 12.1 | 8.9 | 8.3 | 305.8 | 339.4 | 11.9 | 91.9 | 2.5 | 154 |
| 5.5 | 22.3 | 1453.0 | 800.0 | 12.7 | 11.3 | 230.8 | 10.8 | 8.3 | 6.8 | 306.1 | 335.3 | 10.6 | 91.1 | 3.1 | 154 |
| 6.6 | 25.3 | 2259.1 | 775.0 | 10.3 | 8.9 | 239.2 | 11.1 | 9.5 | 5.7 | 306.1 | 331.9 | 9.3 | 91.3 | 3.8 | 154 |
| 8.2 | 27.7 | 2531.9 | 750.0 | 8.4 | 7.1 | 248.1 | 14.0 | 13.3 | 5.2 | 306.9 | 330.5 | 8.5 | 91.2 | 4.6 | 154 |
| 11.5 | 30.3 | 2811.5 | 725.0 | 5.9 | 5.2 | 242.1 | 14.6 | 15.9 | 4.5 | 306.9 | 328.6 | 7.7 | 95.2 | 7.5 | 154 |
| 12.3 | 32.9 | 3098.9 | 700.0 | 4.3 | 3.6 | 251.1 | 16.7 | 15.9 | 5.4 | 308.2 | 328.6 | 7.2 | 96.2 | 8.6 | 154 |
| 13.9 | 35.5 | 3394.9 | 675.0 | 2.6 | 2.0 | 250.7 | 18.9 | 17.8 | 6.2 | 309.4 | 328.3 | 6.8 | 95.7 | 9.7 | 154 |
| 15.6 | 38.1 | 3699.7 | 650.0 | 0.7 | -0.1 | 249.5 | 19.4 | 18.1 | 6.8 | 310.5 | 328.3 | 5.9 | 94.1 | 10.6 | 154 |
| 15.4 | 40.3 | 4014.1 | 625.0 | -1.8 | -4.3 | 249.3 | 19.4 | 18.2 | 6.9 | 311.0 | 324.1 | 4.5 | 83.0 | 11.5 | 154 |
| 16.2 | 43.9 | 4337.5 | 600.0 | -4.2 | -8.7 | 248.6 | 20.9 | 19.4 | 7.6 | 311.6 | 321.6 | 3.3 | 71.1 | 12.4 | 154 |
| 17.4 | 46.5 | 4671.6 | 575.0 | -7.3 | -12.5 | 243.2 | 25.9 | 23.2 | 11.7 | 311.8 | 319.6 | 2.6 | 66.3 | 14.2 | 154 |
| 18.4 | 49.5 | 5016.7 | 550.0 | -9.7 | -15.0 | 242.5 | 26.4 | 23.4 | 12.2 | 312.4 | 319.5 | 2.2 | 64.9 | 16.1 | 154 |
| 19.7 | 52.4 | 5374.8 | 525.0 | -12.0 | -17.5 | 244.6 | 22.9 | 20.7 | 9.8 | 314.2 | 320.0 | 1.8 | 63.7 | 17.7 | 154 |
| 21.3 | 55.5 | 5747.6 | 500.0 | -13.6 | -19.2 | 256.1 | 23.5 | 22.8 | 5.7 | 316.6 | 322.0 | 1.7 | 62.6 | 19.9 | 154 |
| 23.1 | 58.5 | 6136.1 | 475.0 | -16.1 | -21.7 | 256.0 | 24.5 | 23.8 | 5.9 | 318.2 | 322.9 | 1.4 | 61.8 | 22.4 | 154 |
| 24.4 | 62.0 | 6591.0 | 450.0 | -19.2 | -24.9 | 249.3 | 24.7 | 22.9 | 5.1 | 319.2 | 322.9 | 1.1 | 59.9 | 24.5 | 154 |
| 26.5 | 65.4 | 6564.2 | 425.0 | -22.3 | -28.0 | 253.3 | 26.9 | 25.7 | 7.7 | 320.5 | 323.5 | 0.9 | 59.4 | 27.5 | 154 |
| 28.1 | 68.9 | 7406.3 | 400.0 | -26.2 | -31.4 | 249.9 | 26.5 | 24.9 | 9.1 | 321.0 | 323.2 | 0.7 | 58.2 | 30.1 | 154 |
| 29.7 | 72.4 | 7859.6 | 375.0 | -30.0 | -35.6 | 211.2 | 28.8 | 25.2 | 13.8 | 321.8 | 323.5 | 0.5 | 57.7 | 32.8 | 154 |
| 31.6 | 76.3 | 8356.6 | 350.0 | -34.4 | -40.0 | 239.1 | 30.6 | 26.2 | 15.7 | 322.3 | 323.4 | 0.3 | 56.5 | 36.2 | 154 |
| 33.8 | 80.4 | 8876.6 | 325.0 | -38.7 | -45.9 | 242.4 | 30.8 | 27.3 | 18.3 | 323.3 | 323.4 | 0.3 | 56.5 | 36.2 | 154 |
| 35.6 | 84.5 | 9410.0 | 300.0 | -42.2 | -49.9 | 250.5 | 29.2 | 27.5 | 9.7 | 325.9 | 323.4 | 0.3 | 56.5 | 36.2 | 154 |
| 37.7 | 88.8 | 9958.9 | 275.0 | -46.7 | -54.9 | 256.8 | 31.4 | 30.8 | 7.2 | 327.6 | 323.4 | 0.3 | 56.5 | 36.2 | 154 |
| 40.6 | 93.6 | 10422.6 | 250.0 | -52.8 | -59.9 | 259.4 | 32.1 | 31.6 | 5.9 | 327.6 | 323.4 | 0.3 | 56.5 | 36.2 | 154 |
| 42.9 | 98.4 | 11231.0 | 225.0 | -59.6 | -66.9 | 259.4 | 39.4 | 37.6 | 7.7 | 327.2 | 323.4 | 0.3 | 56.5 | 36.2 | 154 |
| 46.1 | 102.9 | 12027.4 | 200.0 | -60.7 | -69.9 | 256.2 | 43.1 | 41.9 | 10.3 | 326.7 | 323.4 | 0.3 | 56.5 | 36.2 | 154 |
| 50.3 | 105.3 | 12852.1 | 175.0 | -63.4 | -73.9 | 259.1 | 50.8 | 49.9 | 5.6 | 345.3 | 323.4 | 0.3 | 56.5 | 36.2 | 154 |
| 56.2 | 115.8 | 13955.9 | 150.0 | -61.6 | -71.9 | 266.8 | 36.8 | 36.7 | 2.0 | 363.9 | 323.4 | 0.3 | 56.5 | 36.2 | 154 |
| 63.7 | 123.3 | 14932.4 | 125.0 | -61.2 | -71.9 | 268.8 | 27.5 | 27.5 | 2.7 | 388.2 | 323.4 | 0.3 | 56.5 | 36.2 | 154 |
| 71.5 | 131.7 | 16312.2 | 100.0 | -63.8 | -73.9 | 253.6 | 23.3 | 22.5 | 5.8 | 404.4 | 323.4 | 0.3 | 56.5 | 36.2 | 154 |
| 82.4 | 139.3 | 19090.2 | 75.0 | -65.3 | -73.9 | 284.5 | 11.3 | 11.3 | -2.9 | 438.9 | 323.4 | 0.3 | 56.5 | 36.2 | 154 |
| 98.0 | 148.5 | 20376.5 | 50.0 | -61.2 | -69.9 | 257.2 | 8.3 | 8.1 | 1.8 | 458.4 | 323.4 | 0.3 | 56.5 | 36.2 | 154 |
| 99.9 | 99.7 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
• BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
• BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 363
AMARILLO, TEX

24 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTG GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 12.9 | 1055.0 | 886.6 | 24.4 | 2.5 | 20.0 | 6.2 | -2.1 | -5.8 | 308.7 | 373.7 | 5.2 | 24.0 | 0.0 | 0. |
| 59.9 | 59.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 59.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 13.9 | 1204.9 | 875.0 | 22.7 | 0.5 | 37.2 | 4.5 | -2.7 | -3.6 | 308.0 | 321.2 | 4.6 | 23.1 | 0.2 | 20.2 |
| 1.3 | 15.9 | 1460.6 | 850.0 | 19.7 | -0.4 | 42.3 | 4.7 | -3.2 | -2.5 | 307.4 | 320.1 | 4.4 | 25.8 | 0.4 | 21.4 |
| 2.4 | 17.9 | 1716.1 | 825.0 | 17.1 | -1.2 | 59.5 | 5.8 | -5.0 | -2.9 | 307.2 | 319.6 | 4.2 | 28.6 | 0.7 | 22.5 |
| 3.3 | 20.1 | 1977.3 | 800.0 | 14.7 | -2.6 | 55.9 | 3.2 | -2.7 | -1.8 | 307.4 | 318.9 | 3.9 | 30.1 | 1.0 | 22.7 |
| 4.2 | 22.2 | 2244.6 | 775.0 | 12.1 | -3.7 | 52.9 | 2.3 | -1.9 | -1.8 | 307.3 | 318.3 | 3.8 | 33.1 | 1.1 | 22.8 |
| 5.2 | 24.5 | 2510.0 | 750.0 | 9.6 | -4.0 | 28.8 | 1.7 | -0.8 | -1.5 | 307.5 | 318.6 | 3.8 | 37.8 | 1.2 | 22.9 |
| 6.1 | 26.6 | 2798.3 | 725.0 | 7.4 | -6.2 | 167.0 | 1.9 | -0.4 | 1.9 | 308.0 | 317.8 | 3.3 | 37.2 | 1.2 | 22.9 |
| 7.0 | 29.0 | 3085.7 | 700.0 | 4.9 | -7.4 | 206.1 | 3.5 | 1.5 | 3.1 | 308.3 | 317.7 | 3.1 | 40.5 | 1.1 | 23.3 |
| 8.0 | 31.3 | 3350.8 | 675.0 | 1.9 | -8.5 | 224.7 | 5.9 | 4.2 | 4.2 | 308.3 | 317.1 | 3.0 | 46.0 | 0.8 | 23.9 |
| 9.1 | 34.0 | 3683.7 | 650.0 | -0.8 | -10.2 | 234.7 | 7.4 | 6.0 | 4.3 | 308.3 | 316.5 | 2.7 | 48.9 | 0.4 | 25.0 |
| 10.3 | 36.3 | 3957.5 | 625.0 | -0.4 | -24.5 | 259.3 | 11.2 | 11.0 | 2.1 | 312.1 | 314.9 | 0.8 | 14.1 | 0.3 | 52. |
| 11.4 | 39.0 | 4322.1 | 600.0 | -3.0 | -27.4 | 266.8 | 14.1 | 14.1 | 0.0 | 312.7 | 314.9 | 0.7 | 13.1 | 1.1 | 81. |
| 12.3 | 41.5 | 4658.1 | 575.0 | -4.6 | -27.5 | 271.4 | 16.4 | 16.4 | -0.4 | 315.7 | 317.0 | 0.7 | 14.6 | 1.9 | 86. |
| 13.1 | 44.1 | 5006.0 | 550.0 | -7.6 | -25.4 | 270.9 | 17.7 | 17.7 | -0.3 | 315.2 | 318.1 | 0.9 | 22.3 | 2.4 | 87. |
| 14.3 | 47.0 | 5365.7 | 525.0 | -11.0 | -27.1 | 272.8 | 18.3 | 18.2 | -0.9 | 315.2 | 317.8 | 0.8 | 25.1 | 4.0 | 88. |
| 15.7 | 49.9 | 5739.1 | 500.0 | -13.6 | -34.9 | 282.6 | 17.9 | 17.4 | -0.9 | 316.5 | 317.9 | 0.4 | 14.5 | 5.5 | 91. |
| 17.5 | 52.9 | 6126.8 | 475.0 | -16.3 | -38.7 | 292.1 | 17.4 | 16.1 | -6.5 | 317.7 | 318.7 | 0.3 | 12.4 | 7.4 | 95. |
| 17.2 | 55.8 | 6531.0 | 450.0 | -19.7 | -41.5 | 297.2 | 17.9 | 16.0 | -8.2 | 318.4 | 319.2 | 0.2 | 12.3 | 9.3 | 99. |
| 20.7 | 59.0 | 6952.3 | 425.0 | -23.2 | -44.1 | 291.5 | 20.2 | 18.8 | -7.4 | 319.2 | 319.8 | 0.2 | 12.6 | 10.7 | 102. |
| 22.2 | 62.4 | 7393.0 | 400.0 | -27.2 | -47.1 | 288.6 | 20.6 | 19.5 | -6.6 | 319.6 | 320.1 | 0.1 | 12.9 | 12.5 | 103. |
| 23.7 | 65.9 | 7854.0 | 375.0 | -31.4 | -50.3 | 282.7 | 22.3 | 21.8 | -4.9 | 320.0 | 320.4 | 0.1 | 13.3 | 14.5 | 103. |
| 25.2 | 69.5 | 8338.9 | 350.0 | -35.4 | -53.5 | 280.5 | 22.2 | 21.9 | -4.1 | 320.9 | 321.2 | 0.1 | 13.7 | 16.5 | 103. |
| 27.0 | 73.2 | 8850.6 | 325.0 | -39.3 | -56.9 | 276.4 | 26.2 | 26.0 | -2.9 | 322.5 | 322.5 | 99.9 | 99.9 | 19.0 | 102. |
| 29.0 | 77.3 | 9390.2 | 300.0 | -41.6 | -59.9 | 270.4 | 28.0 | 28.0 | -0.2 | 325.8 | 325.8 | 99.9 | 99.9 | 22.2 | 101. |
| 31.1 | 81.4 | 9581.9 | 275.0 | -45.5 | -59.9 | 271.1 | 34.0 | 34.0 | -0.6 | 329.4 | 329.4 | 99.9 | 99.9 | 26.0 | 99. |
| 33.2 | 85.8 | 10611.1 | 250.0 | -49.8 | -59.9 | 275.0 | 42.1 | 41.9 | -4.0 | 332.1 | 332.1 | 99.9 | 99.9 | 30.7 | 98. |
| 35.6 | 90.4 | 11295.4 | 225.0 | -53.3 | -59.9 | 281.0 | 41.7 | 40.8 | -8.6 | 336.9 | 336.9 | 99.9 | 99.9 | 37.1 | 99. |
| 38.1 | 96.0 | 12040.4 | 200.0 | -58.2 | -59.9 | 259.1 | 29.6 | 29.1 | 5.6 | 340.6 | 340.6 | 99.9 | 99.9 | 42.4 | 98. |
| 40.5 | 101.5 | 12878.6 | 175.0 | -62.8 | -59.9 | 257.6 | 38.6 | 37.7 | 8.3 | 346.3 | 346.3 | 99.9 | 99.9 | 47.5 | 98. |
| 43.9 | 108.0 | 13837.5 | 150.0 | -57.2 | -59.9 | 271.4 | 32.8 | 32.8 | -0.8 | 371.6 | 371.6 | 99.9 | 99.9 | 54.8 | 95. |
| 47.7 | 115.3 | 14984.2 | 125.0 | -59.5 | -59.9 | 260.3 | 30.1 | 29.7 | 5.0 | 387.3 | 387.3 | 99.9 | 99.9 | 61.7 | 93. |
| 52.3 | 123.7 | 16367.9 | 100.0 | -63.4 | -59.9 | 269.8 | 28.4 | 28.4 | 0.2 | 405.2 | 405.2 | 99.9 | 99.9 | 68.4 | 92. |
| 58.3 | 133.7 | 18139.0 | 75.0 | -60.6 | -59.9 | 273.6 | 24.1 | 24.0 | -1.5 | 445.9 | 445.9 | 99.9 | 99.9 | 76.5 | 92. |
| 65.6 | 144.5 | 22672.9 | 50.0 | -58.7 | -59.9 | 263.0 | 7.0 | 6.9 | 0.9 | 505.2 | 505.2 | 99.9 | 99.9 | 80.1 | 92. |
| 77.6 | 156.0 | 25138.5 | 25.0 | -49.7 | -59.9 | 340.8 | 9.3 | 3.1 | -8.8 | 641.9 | 641.9 | 99.9 | 99.9 | 83.2 | 93. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 402
WALLOPS ISLAND, VA24 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GEN | PRES MR | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | PH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.9 | 4.0 | 1011.0 | 13.9 | 11.1 | 999.9 | 99.9 | 99.9 | 99.9 | 287.2 | 309.4 | 8.2 | 83.7 | 999.9 | 99.9 |
| 0.4 | 5.5 | 97.2 | 1000.0 | 14.3 | 13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 290.7 | 315.5 | 9.6 | 81.1 | 999.9 | 99.9 |
| 1.2 | 7.6 | 315.4 | 975.0 | 21.8 | 13.0 | 999.9 | 99.9 | 99.9 | 99.9 | 298.4 | 324.5 | 9.7 | 57.5 | 999.9 | 99.9 |
| 1.9 | 6.3 | 541.0 | 950.0 | 21.3 | 12.2 | 999.9 | 99.9 | 99.9 | 99.9 | 300.1 | 325.6 | 9.5 | 56.1 | 999.9 | 99.9 |
| 2.4 | 11.3 | 771.4 | 925.0 | 19.1 | 10.7 | 999.9 | 99.9 | 99.9 | 99.9 | 300.1 | 323.9 | 8.8 | 58.3 | 999.9 | 99.9 |
| 3.7 | 14.2 | 1006.4 | 900.0 | 17.0 | 9.9 | 999.9 | 99.9 | 99.9 | 99.9 | 300.2 | 323.4 | 8.5 | 62.0 | 999.9 | 99.9 |
| 4.6 | 16.3 | 1246.1 | 875.0 | 14.8 | 9.3 | 999.9 | 99.9 | 99.9 | 99.9 | 300.2 | 323.4 | 8.5 | 69.9 | 999.9 | 99.9 |
| 5.5 | 18.6 | 1491.0 | 850.0 | 12.9 | 8.9 | 999.9 | 99.9 | 99.9 | 99.9 | 300.8 | 323.7 | 8.4 | 75.9 | 999.9 | 99.9 |
| 6.4 | 20.9 | 1741.6 | 825.0 | 11.1 | 8.5 | 999.9 | 99.9 | 99.9 | 99.9 | 301.5 | 324.6 | 8.5 | 82.7 | 999.9 | 99.9 |
| 7.4 | 23.3 | 1990.7 | 800.0 | 10.4 | 5.5 | 999.9 | 99.9 | 99.9 | 99.9 | 303.2 | 323.0 | 7.1 | 71.5 | 999.9 | 99.9 |
| 8.4 | 25.7 | 2253.3 | 775.0 | 9.6 | 4.4 | 999.9 | 99.9 | 99.9 | 99.9 | 305.0 | 324.1 | 6.8 | 70.1 | 999.9 | 99.9 |
| 9.5 | 28.1 | 2535.2 | 750.0 | 8.6 | 3.3 | 999.9 | 99.9 | 99.9 | 99.9 | 306.7 | 325.1 | 6.5 | 65.4 | 999.9 | 99.9 |
| 10.6 | 30.7 | 2815.3 | 725.0 | 7.0 | -1.4 | 999.9 | 99.9 | 99.9 | 99.9 | 307.8 | 321.6 | 4.8 | 55.2 | 999.9 | 99.9 |
| 11.7 | 33.4 | 3103.1 | 700.0 | 5.0 | -2.7 | 999.9 | 99.9 | 99.9 | 99.9 | 308.6 | 321.7 | 4.5 | 57.3 | 999.9 | 99.9 |
| 12.8 | 35.9 | 3395.3 | 675.0 | 3.5 | -4.1 | 999.9 | 99.9 | 99.9 | 99.9 | 310.1 | 322.5 | 4.2 | 57.4 | 999.9 | 99.9 |
| 13.9 | 38.7 | 3704.6 | 650.0 | 1.1 | -5.2 | 999.9 | 99.9 | 99.9 | 99.9 | 310.7 | 322.6 | 4.0 | 63.0 | 999.9 | 99.9 |
| 14.9 | 41.3 | 4015.3 | 625.0 | -1.2 | -6.2 | 999.9 | 99.9 | 99.9 | 99.9 | 311.6 | 324.9 | 4.5 | 80.3 | 999.9 | 99.9 |
| 16.1 | 44.3 | 4344.1 | 600.0 | -2.7 | -8.1 | 999.9 | 99.9 | 99.9 | 99.9 | 313.4 | 323.8 | 3.5 | 66.4 | 999.9 | 99.9 |
| 17.2 | 47.3 | 4690.7 | 575.0 | -4.8 | -5.9 | 999.9 | 99.9 | 99.9 | 99.9 | 314.2 | 327.8 | 4.3 | 93.0 | 999.9 | 99.9 |
| 18.3 | 50.3 | 5029.0 | 550.0 | -7.7 | -8.6 | 999.9 | 99.9 | 99.9 | 99.9 | 315.4 | 326.5 | 3.6 | 93.3 | 999.9 | 99.9 |
| 19.4 | 53.4 | 5385.2 | 525.0 | -10.7 | -12.6 | 999.9 | 99.9 | 99.9 | 99.9 | 315.8 | 324.4 | 2.8 | 85.9 | 999.9 | 99.9 |
| 20.7 | 56.5 | 5762.5 | 500.0 | -13.7 | -19.2 | 999.9 | 99.9 | 99.9 | 99.9 | 316.4 | 321.8 | 1.7 | 67.3 | 999.9 | 99.9 |
| 22.0 | 59.9 | 6151.2 | 475.0 | -15.2 | -27.2 | 999.9 | 99.9 | 99.9 | 99.9 | 319.2 | 322.1 | 0.9 | 34.9 | 999.9 | 99.9 |
| 23.5 | 63.4 | 6572.2 | 450.0 | -18.6 | -29.7 | 999.9 | 99.9 | 99.9 | 99.9 | 319.9 | 322.6 | 0.8 | 43.7 | 999.9 | 99.9 |
| 24.9 | 66.9 | 6980.7 | 425.0 | -21.9 | -23.3 | 999.9 | 99.9 | 99.9 | 99.9 | 321.1 | 325.6 | 1.4 | 85.8 | 999.9 | 99.9 |
| 26.4 | 70.4 | 7424.8 | 400.0 | -23.1 | -27.7 | 999.9 | 99.9 | 99.9 | 99.9 | 325.0 | 328.4 | 1.0 | 65.8 | 999.9 | 99.9 |
| 27.9 | 74.2 | 7895.0 | 375.0 | -27.0 | -32.0 | 999.9 | 99.9 | 99.9 | 99.9 | 325.8 | 328.2 | 0.7 | 62.7 | 999.9 | 99.9 |
| 29.3 | 78.3 | 8382.4 | 350.0 | -31.0 | -32.5 | 999.9 | 99.9 | 99.9 | 99.9 | 326.9 | 323.4 | 0.7 | 65.4 | 999.9 | 99.9 |
| 31.3 | 82.4 | 8910.4 | 325.0 | -35.3 | -37.8 | 999.9 | 99.9 | 99.9 | 99.9 | 327.9 | 329.6 | 0.4 | 78.0 | 999.9 | 99.9 |
| 33.1 | 86.7 | 9451.4 | 300.0 | -39.7 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 329.4 | 999.9 | 99.9 | 999.9 | 999.9 | 99.9 |
| 35.0 | 91.4 | 10051.4 | 275.0 | -44.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 330.2 | 999.9 | 99.9 | 999.9 | 999.9 | 99.9 |
| 36.7 | 96.3 | 10640.2 | 250.0 | -50.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 330.4 | 999.9 | 99.9 | 999.9 | 999.9 | 99.9 |
| 39.1 | 101.4 | 11354.4 | 225.0 | -57.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 330.9 | 999.9 | 99.9 | 999.9 | 999.9 | 99.9 |
| 41.5 | 107.3 | 12087.6 | 200.0 | -64.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 331.3 | 999.9 | 99.9 | 999.9 | 999.9 | 99.9 |
| 44.1 | 113.3 | 12894.4 | 175.0 | -68.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 337.3 | 999.9 | 99.9 | 999.9 | 999.9 | 99.9 |
| 47.3 | 120.0 | 13827.2 | 150.0 | -65.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 337.1 | 999.9 | 99.9 | 999.9 | 999.9 | 99.9 |
| 50.8 | 127.3 | 14957.2 | 125.0 | -60.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 335.5 | 999.9 | 99.9 | 999.9 | 999.9 | 99.9 |
| 55.3 | 135.5 | 16346.4 | 100.0 | -61.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 409.3 | 999.9 | 99.9 | 999.9 | 999.9 | 99.9 |
| 61.1 | 143.7 | 18115.6 | 75.0 | -66.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 438.1 | 999.9 | 99.9 | 999.9 | 999.9 | 99.9 |
| 69.1 | 152.3 | 20623.0 | 50.0 | -61.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 499.3 | 999.9 | 99.9 | 999.9 | 999.9 | 99.9 |
| 93.0 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 405
STERLING, VA24 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.5 | 85.0 | 999.2 | 16.5 | 16.3 | 300.0 | 4.2 | 5.4 | -3.1 | 293.3 | 323.8 | 11.8 | 87.0 | 6.7 | 0. |
| 99.9 | 99.9 | 59.9 | 1009.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 1.0 | 8.9 | 245.8 | 975.0 | 17.8 | 15.5 | 311.4 | 12.5 | 4.4 | -2.3 | 294.6 | 324.5 | 11.5 | 86.8 | 0.4 | 13.0 |
| 1.9 | 11.2 | 518.9 | 950.0 | 18.0 | 13.2 | 301.4 | 11.4 | 4.7 | -5.9 | 296.8 | 323.5 | 10.1 | 73.3 | 1.3 | 13.0 |
| 2.4 | 13.9 | 747.1 | 925.0 | 16.6 | 12.9 | 278.4 | 10.6 | 10.4 | -1.7 | 297.6 | 323.1 | 9.6 | 73.6 | 1.8 | 12.0 |
| 3.9 | 16.1 | 980.2 | 900.0 | 14.8 | 11.8 | 270.2 | 9.2 | 9.4 | 1.6 | 298.1 | 324.1 | 9.7 | 81.9 | 2.5 | 11.0 |
| 4.6 | 18.9 | 1218.5 | 875.0 | 13.2 | 11.1 | 233.9 | 11.7 | 9.4 | 6.9 | 298.8 | 324.4 | 9.5 | 86.0 | 2.7 | 10.0 |
| 5.4 | 21.1 | 1462.4 | 850.0 | 11.6 | 9.6 | 232.1 | 15.9 | 12.5 | 9.7 | 299.5 | 323.5 | 8.9 | 87.6 | 3.1 | 9.0 |
| 6.1 | 23.8 | 1712.1 | 825.0 | 9.9 | 8.8 | 228.4 | 17.2 | 12.9 | 11.4 | 300.3 | 323.8 | 8.7 | 92.6 | 3.4 | 9.0 |
| 7.0 | 26.2 | 1967.6 | 800.0 | 8.3 | 7.4 | 228.4 | 18.0 | 13.4 | 11.9 | 301.0 | 323.3 | 8.1 | 94.2 | 4.1 | 8.0 |
| 7.9 | 29.1 | 2229.9 | 775.0 | 6.9 | 6.1 | 235.4 | 19.3 | 15.1 | 10.4 | 302.2 | 323.3 | 7.6 | 94.3 | 5.3 | 7.0 |
| 8.9 | 31.9 | 2499.5 | 750.0 | 5.5 | 4.7 | 242.8 | 18.6 | 16.7 | 8.6 | 303.5 | 323.5 | 7.2 | 94.4 | 6.2 | 7.0 |
| 9.7 | 34.6 | 2776.6 | 725.0 | 4.0 | 3.2 | 247.1 | 18.6 | 17.2 | 7.2 | 304.7 | 323.4 | 6.7 | 94.6 | 7.3 | 7.0 |
| 10.7 | 37.3 | 3062.1 | 700.0 | 2.8 | 2.0 | 252.3 | 19.1 | 18.2 | 5.8 | 305.3 | 324.3 | 6.3 | 94.5 | 8.3 | 7.0 |
| 11.6 | 40.2 | 3356.2 | 675.0 | 1.0 | 0.2 | 256.4 | 18.9 | 19.4 | 4.5 | 307.5 | 324.0 | 5.8 | 94.2 | 9.4 | 7.0 |
| 12.7 | 43.0 | 3659.6 | 650.0 | -0.0 | -0.9 | 253.6 | 16.9 | 18.6 | 3.1 | 309.6 | 325.7 | 5.5 | 94.1 | 10.5 | 7.0 |
| 13.8 | 46.1 | 3973.6 | 625.0 | -1.7 | -2.5 | 262.7 | 18.0 | 17.8 | 2.3 | 311.2 | 326.1 | 5.1 | 93.8 | 11.7 | 7.0 |
| 15.0 | 49.3 | 4298.1 | 600.0 | -3.5 | -4.4 | 268.2 | 18.3 | 14.1 | 2.5 | 312.6 | 326.3 | 4.6 | 93.6 | 12.9 | 7.0 |
| 16.0 | 52.1 | 4634.0 | 575.0 | -5.4 | -6.3 | 261.7 | 18.0 | 17.8 | 2.6 | 314.2 | 326.6 | 4.1 | 93.0 | 14.1 | 7.0 |
| 17.3 | 55.4 | 4982.1 | 550.0 | -7.5 | -8.8 | 264.2 | 20.4 | 20.3 | 2.1 | 315.6 | 326.5 | 3.6 | 90.6 | 15.5 | 7.0 |
| 18.5 | 58.6 | 5343.2 | 525.0 | -9.7 | -11.1 | 265.4 | 21.8 | 21.7 | 1.8 | 317.1 | 326.7 | 3.1 | 89.5 | 17.1 | 7.0 |
| 19.9 | 62.1 | 5718.5 | 500.0 | -12.0 | -14.0 | 268.4 | 24.0 | 23.8 | 3.2 | 318.7 | 326.8 | 2.6 | 84.9 | 18.9 | 7.0 |
| 21.4 | 65.6 | 6109.5 | 475.0 | -14.7 | -16.9 | 264.3 | 23.2 | 23.1 | 2.3 | 320.0 | 326.8 | 2.1 | 83.4 | 21.0 | 7.0 |
| 22.9 | 69.0 | 6516.8 | 450.0 | -17.3 | -19.6 | 265.8 | 24.6 | 24.5 | 1.8 | 321.7 | 327.5 | 1.8 | 82.1 | 23.1 | 7.0 |
| 24.6 | 72.6 | 6942.9 | 425.0 | -20.5 | -22.7 | 265.3 | 27.0 | 26.9 | 2.2 | 322.5 | 327.7 | 1.4 | 82.3 | 25.8 | 7.0 |
| 26.3 | 76.5 | 7388.9 | 400.0 | -24.0 | -26.8 | 273.9 | 26.5 | 26.5 | -1.8 | 323.8 | 327.4 | 1.1 | 77.6 | 28.6 | 8.0 |
| 28.2 | 80.4 | 7857.1 | 375.0 | -27.5 | -30.5 | 269.3 | 24.0 | 24.0 | 0.4 | 325.3 | 328.0 | 0.8 | 74.9 | 31.4 | 8.0 |
| 30.1 | 84.5 | 8349.7 | 350.0 | -31.4 | -35.3 | 266.8 | 26.9 | 26.9 | 1.5 | 326.4 | 328.3 | 0.5 | 68.0 | 34.4 | 8.0 |
| 32.4 | 88.5 | 8869.9 | 325.0 | -35.8 | -40.7 | 268.4 | 30.5 | 30.5 | 0.9 | 327.3 | 324.5 | 0.3 | 60.0 | 36.7 | 9.0 |
| 34.9 | 93.3 | 9420.5 | 300.0 | -40.4 | -45.7 | 268.0 | 30.4 | 30.3 | 2.1 | 328.5 | 999.9 | 99.9 | 999.9 | 43.4 | 9.0 |
| 37.5 | 97.5 | 10006.9 | 275.0 | -45.7 | -50.9 | 268.4 | 29.8 | 29.8 | 0.6 | 329.1 | 999.9 | 99.9 | 999.9 | 46.4 | 8.0 |
| 40.6 | 102.3 | 10634.1 | 250.0 | -51.5 | -56.9 | 267.4 | 32.1 | 32.1 | 1.5 | 329.6 | 999.9 | 99.9 | 999.9 | 54.2 | 8.0 |
| 43.2 | 107.3 | 11309.4 | 225.0 | -57.5 | -61.7 | 257.8 | 33.2 | 33.2 | 7.0 | 330.4 | 999.9 | 99.9 | 999.9 | 58.7 | 9.0 |
| 46.0 | 113.3 | 12041.3 | 200.0 | -64.5 | -69.9 | 255.5 | 28.0 | 23.2 | 6.0 | 330.6 | 999.9 | 99.9 | 999.9 | 63.3 | 8.0 |
| 49.2 | 119.3 | 12845.1 | 175.0 | -69.8 | -74.3 | 270.0 | 16.9 | 16.9 | 0.0 | 334.7 | 999.9 | 99.9 | 999.9 | 68.3 | 8.0 |
| 53.5 | 125.8 | 13773.9 | 150.0 | -74.3 | -78.9 | 268.1 | 24.1 | 24.0 | 2.5 | 335.4 | 999.9 | 99.9 | 999.9 | 73.4 | 8.0 |
| 59.4 | 133.3 | 14901.8 | 125.0 | -81.7 | -86.7 | 267.8 | 26.7 | 25.4 | -8.2 | 338.3 | 999.9 | 99.9 | 999.9 | 83.1 | 8.0 |
| 65.9 | 141.0 | 16292.3 | 100.0 | -86.6 | -91.9 | 268.2 | 11.0 | 10.9 | 1.1 | 414.6 | 999.9 | 99.9 | 999.9 | 89.4 | 9.0 |
| 73.6 | 149.0 | 18067.0 | 75.0 | -86.4 | -91.9 | 329.6 | 3.1 | 3.1 | -5.3 | 433.8 | 999.9 | 99.9 | 999.9 | 94.4 | 8.0 |
| 84.4 | 158.7 | 20572.5 | 50.0 | -59.9 | -98.9 | 283.7 | 3.4 | 3.2 | -0.9 | 502.5 | 999.9 | 99.9 | 999.9 | 95.8 | 8.0 |
| 101.0 | 169.0 | 34942.0 | 25.0 | -54.7 | -99.9 | 999.9 | 99.9 | 99.9 | 69.9 | 627.5 | 999.9 | 99.9 | 999.9 | 996.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 1 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 425
HUNTINGTON, WA24 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MD | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | HOT T DG K | E POT T DG K | MX RTO GM/KG | PH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.3 | 246.0 | 982.8 | 17.2 | 16.1 | 310.0 | 3.2 | 2.5 | -2.1 | 253.4 | 321.9 | 11.8 | 93.0 | 0.0 | 0 |
| 59.9 | 99.5 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 7.9 | 314.2 | 975.0 | 16.9 | 15.8 | 311.3 | 8.2 | 6.1 | -5.4 | 293.7 | 324.1 | 11.7 | 93.4 | 0.1 | 11.1 |
| 1.0 | 10.1 | 536.0 | 950.0 | 15.8 | 14.9 | 304.4 | 7.8 | 6.4 | -4.4 | 294.7 | 324.3 | 11.3 | 94.4 | 0.4 | 11.1 |
| 1.9 | 12.1 | 762.7 | 925.0 | 14.6 | 13.9 | 304.5 | 8.3 | 6.0 | -2.2 | 295.7 | 324.0 | 10.8 | 94.8 | 0.8 | 11.1 |
| 2.8 | 14.3 | 994.7 | 900.0 | 13.5 | 12.5 | 278.7 | 11.9 | 11.7 | -1.8 | 296.7 | 323.8 | 10.2 | 94.0 | 1.3 | 11.1 |
| 3.6 | 16.4 | 1232.3 | 875.0 | 12.7 | 11.4 | 273.2 | 10.6 | 10.0 | -0.6 | 298.3 | 324.3 | 9.7 | 91.6 | 1.7 | 11.1 |
| 4.4 | 18.7 | 1475.8 | 850.0 | 11.3 | 10.0 | 265.2 | 14.9 | 14.9 | 0.2 | 299.2 | 323.9 | 9.1 | 91.4 | 2.4 | 11.1 |
| 5.1 | 20.3 | 1725.5 | 825.0 | 10.3 | 9.0 | 271.0 | 14.7 | 14.7 | -0.3 | 300.7 | 324.5 | 8.8 | 91.1 | 3.1 | 11.1 |
| 6.1 | 23.3 | 1931.8 | 800.0 | 9.2 | 7.7 | 272.0 | 15.5 | 15.5 | -0.7 | 302.0 | 324.7 | 8.3 | 90.5 | 3.9 | 11.1 |
| 7.2 | 25.5 | 2244.9 | 775.0 | 7.5 | 6.0 | 269.0 | 17.9 | 17.9 | 0.3 | 302.8 | 323.8 | 7.6 | 90.2 | 5.3 | 11.1 |
| 8.4 | 27.9 | 2514.4 | 750.0 | 5.2 | 3.3 | 270.4 | 19.3 | 19.3 | -0.1 | 303.1 | 321.9 | 6.8 | 91.1 | 6.4 | 11.1 |
| 9.4 | 30.5 | 2791.0 | 725.0 | 3.4 | 2.1 | 276.1 | 20.0 | 19.9 | -2.1 | 304.0 | 321.3 | 6.1 | 90.7 | 7.7 | 11.1 |
| 10.7 | 33.1 | 3075.4 | 700.0 | 1.9 | 0.5 | 279.9 | 22.0 | 21.7 | -3.8 | 305.3 | 321.4 | 5.7 | 90.2 | 9.2 | 11.1 |
| 11.3 | 35.5 | 3368.7 | 675.0 | 0.5 | -0.8 | 281.0 | 23.6 | 23.1 | -4.5 | 306.9 | 322.3 | 5.4 | 90.4 | 10.2 | 11.1 |
| 12.9 | 38.1 | 3671.5 | 650.0 | -0.9 | -2.0 | 278.9 | 23.8 | 23.5 | -3.7 | 308.6 | 323.4 | 5.1 | 92.2 | 12.2 | 11.1 |
| 14.0 | 40.7 | 3984.6 | 625.0 | -2.1 | -3.1 | 275.1 | 22.6 | 22.5 | -2.0 | 310.7 | 325.0 | 4.9 | 92.8 | 13.7 | 11.1 |
| 15.1 | 43.4 | 4308.6 | 600.0 | -3.5 | -4.5 | 271.3 | 19.3 | 19.2 | -0.4 | 312.6 | 326.2 | 4.6 | 92.6 | 15.1 | 11.1 |
| 16.1 | 45.3 | 4644.7 | 575.0 | -5.1 | -6.1 | 269.8 | 18.2 | 18.2 | 0.1 | 314.6 | 327.2 | 4.2 | 92.0 | 16.2 | 11.1 |
| 17.2 | 48.3 | 4992.6 | 550.0 | -8.1 | -10.9 | 273.4 | 20.7 | 20.7 | -1.2 | 314.9 | 324.1 | 3.0 | 78.7 | 17.4 | 11.1 |
| 18.4 | 51.9 | 5352.1 | 525.0 | -11.2 | -20.2 | 274.0 | 22.0 | 21.9 | -1.5 | 315.1 | 319.9 | 1.5 | 47.6 | 18.7 | 11.1 |
| 19.5 | 55.0 | 5724.6 | 500.0 | -13.3 | -34.1 | 277.9 | 21.9 | 21.6 | -3.0 | 316.9 | 314.3 | 0.4 | 15.4 | 20.4 | 11.1 |
| 20.7 | 58.0 | 6114.0 | 475.0 | -14.9 | -29.2 | 279.9 | 23.9 | 23.6 | -4.1 | 319.5 | 321.9 | 0.7 | 28.4 | 22.1 | 11.1 |
| 21.9 | 61.3 | 6520.8 | 450.0 | -18.3 | -30.7 | 283.1 | 25.7 | 25.0 | -5.4 | 320.2 | 322.5 | 0.7 | 32.8 | 23.1 | 11.1 |
| 23.2 | 64.4 | 6845.2 | 425.0 | -21.0 | -41.7 | 285.0 | 26.4 | 25.5 | -6.9 | 322.0 | 322.8 | 0.2 | 13.8 | 25.4 | 11.1 |
| 24.4 | 67.6 | 7190.8 | 400.0 | -23.7 | -53.4 | 284.1 | 30.2 | 29.3 | -7.4 | 324.1 | 324.4 | 0.1 | 4.5 | 27.4 | 11.1 |
| 25.7 | 70.9 | 7559.7 | 375.0 | -27.4 | -55.5 | 283.7 | 32.3 | 31.4 | -7.7 | 325.2 | 325.4 | 0.1 | 4.9 | 30.3 | 11.1 |
| 27.0 | 74.6 | 8150.9 | 350.0 | -31.9 | -58.2 | 277.0 | 29.8 | 28.6 | -2.5 | 325.6 | 325.8 | 0.0 | 5.3 | 32.4 | 11.1 |
| 28.6 | 78.5 | 8869.5 | 325.0 | -36.1 | -65.9 | 264.6 | 28.5 | 28.4 | 2.7 | 326.8 | 327.5 | 0.2 | 36.9 | 35.4 | 11.1 |
| 30.3 | 82.3 | 9420.9 | 300.0 | -40.2 | -69.9 | 258.2 | 31.3 | 30.6 | 6.4 | 328.7 | 328.9 | 0.9 | 99.9 | 37.4 | 11.1 |
| 31.5 | 85.3 | 10009.1 | 275.0 | -44.5 | -74.9 | 254.8 | 30.9 | 29.8 | 8.1 | 330.7 | 329.9 | 0.9 | 99.9 | 40.4 | 11.1 |
| 33.1 | 90.8 | 10640.0 | 250.0 | -49.5 | -79.9 | 250.4 | 32.0 | 31.1 | 7.5 | 332.4 | 329.9 | 0.9 | 99.9 | 43.3 | 11.1 |
| 35.0 | 95.5 | 11320.8 | 225.0 | -55.8 | -85.9 | 257.0 | 29.7 | 29.0 | 6.4 | 333.0 | 329.9 | 0.9 | 99.9 | 46.4 | 11.1 |
| 37.2 | 100.3 | 12058.9 | 200.0 | -62.4 | -92.9 | 265.5 | 29.9 | 29.8 | 2.2 | 333.5 | 329.9 | 0.9 | 99.9 | 51.2 | 11.1 |
| 39.5 | 105.3 | 12876.5 | 175.0 | -65.6 | -99.9 | 276.2 | 28.4 | 26.3 | -2.8 | 341.7 | 329.9 | 0.9 | 99.9 | 58.6 | 11.1 |
| 41.9 | 111.9 | 13819.2 | 150.0 | -60.0 | -99.9 | 276.7 | 29.0 | 28.0 | -2.4 | 346.7 | 329.9 | 0.9 | 99.9 | 58.6 | 11.1 |
| 44.6 | 116.3 | 14950.7 | 125.0 | -55.3 | -93.0 | 262.0 | 29.9 | 29.6 | 4.2 | 387.7 | 329.9 | 0.9 | 99.9 | 62.7 | 11.1 |
| 47.4 | 125.3 | 16357.0 | 100.0 | -60.1 | -99.9 | 275.2 | 20.3 | 20.2 | -1.8 | 411.7 | 329.9 | 0.9 | 99.9 | 68.2 | 11.1 |
| 51.4 | 134.5 | 18135.0 | 75.0 | -61.9 | -99.9 | 313.1 | 3.1 | 2.3 | -2.1 | 443.3 | 329.9 | 0.9 | 99.9 | 70.4 | 11.1 |
| 54.1 | 142.3 | 20669.9 | 50.0 | -59.2 | -99.9 | 955.9 | 99.9 | 99.9 | 99.9 | 504.1 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 429
DAYTON, OHIO

24 APRIL 1975
2315 GMT

| TIME MIN | CATCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT T DG K | NA RTG GM/KG | RM PCT | RANGE KM | AT % |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|---------|
| 0.0 | 5.0 | 299.0 | 976.0 | 18.8 | 15.1 | 255.0 | 6.2 | 6.0 | 1.6 | 295.5 | 324.7 | 11.1 | 79.0 | 3.0 | 7.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 6.1 | 306.9 | 975.0 | 18.7 | 14.9 | 99.9 | 99.9 | 99.9 | 99.9 | 255.5 | 324.5 | 11.0 | 78.4 | 99.9 | 99.9 |
| 0.8 | 10.2 | 529.9 | 950.0 | 17.3 | 13.9 | 99.9 | 99.9 | 99.9 | 99.9 | 296.2 | 324.2 | 10.6 | 80.3 | 99.9 | 99.9 |
| 1.7 | 12.2 | 757.4 | 925.0 | 15.3 | 13.1 | 281.5 | 7.7 | 7.5 | -1.5 | 296.3 | 323.7 | 10.4 | 87.1 | 0.4 | 4.0 |
| 2.5 | 14.4 | 982.4 | 900.0 | 13.1 | 12.1 | 287.3 | 7.3 | 6.9 | -2.2 | 296.3 | 322.7 | 10.0 | 94.2 | 1.2 | 6.0 |
| 3.2 | 16.4 | 1226.4 | 875.0 | 11.5 | 10.6 | 294.6 | 7.4 | 6.8 | -3.1 | 297.0 | 321.7 | 9.3 | 98.2 | 1.4 | 7.0 |
| 4.1 | 18.6 | 1468.3 | 850.0 | 9.4 | 8.5 | 301.2 | 7.5 | 6.4 | -3.9 | 297.1 | 319.2 | 8.2 | 93.7 | 1.2 | 7.0 |
| 5.0 | 20.9 | 1715.9 | 825.0 | 9.1 | 4.0 | 295.0 | 6.6 | 6.0 | -2.8 | 299.0 | 316.0 | 6.2 | 70.3 | 2.2 | 1.5 |
| 5.9 | 23.2 | 1970.5 | 800.0 | 7.6 | 3.8 | 305.5 | 7.2 | 5.9 | -4.2 | 300.1 | 317.5 | 6.3 | 76.5 | 2.5 | 1.0 |
| 6.6 | 25.4 | 2232.0 | 775.0 | 6.0 | 3.4 | 313.4 | 7.6 | 5.7 | -5.4 | 301.1 | 318.7 | 6.4 | 83.6 | 2.8 | 1.0 |
| 7.5 | 27.7 | 2500.1 | 750.0 | 3.9 | 1.8 | 311.3 | 7.6 | 5.7 | -5.0 | 301.6 | 317.9 | 5.8 | 85.7 | 3.2 | 1.2 |
| 8.4 | 30.1 | 2775.4 | 725.0 | 2.9 | -3.1 | 306.9 | 7.7 | 6.2 | -4.6 | 303.2 | 315.2 | 4.2 | 64.2 | 3.6 | 1.4 |
| 9.5 | 32.6 | 3059.2 | 700.0 | 1.5 | -6.5 | 294.0 | 7.5 | 6.9 | -3.1 | 304.5 | 314.4 | 3.4 | 55.9 | 4.1 | 1.5 |
| 10.5 | 35.2 | 3311.3 | 675.0 | -0.4 | -7.3 | 280.8 | 7.6 | 7.4 | -1.4 | 305.6 | 315.2 | 3.3 | 55.8 | 4.6 | 1.5 |
| 11.5 | 37.6 | 3652.1 | 650.0 | -2.9 | -9.3 | 281.5 | 8.9 | 8.7 | -1.8 | 306.1 | 315.4 | 3.1 | 66.3 | 5.0 | 1.3 |
| 12.5 | 40.2 | 3962.1 | 625.0 | -4.8 | -11.1 | 284.0 | 12.2 | 11.8 | -3.0 | 307.4 | 317.2 | 3.3 | 77.6 | 5.4 | 1.2 |
| 13.5 | 42.8 | 4292.5 | 600.0 | -6.6 | -7.2 | 285.5 | 15.3 | 14.7 | -4.1 | 308.9 | 319.9 | 3.7 | 85.6 | 6.5 | 1.1 |
| 14.5 | 45.6 | 4614.9 | 575.0 | -7.7 | -6.2 | 283.6 | 17.3 | 16.8 | -4.1 | 311.4 | 322.1 | 3.6 | 96.1 | 7.5 | 1.1 |
| 15.4 | 48.4 | 4959.9 | 550.0 | -9.6 | -10.2 | 281.4 | 20.9 | 20.5 | -4.1 | 313.0 | 324.7 | 3.2 | 95.6 | 8.4 | 1.0 |
| 16.7 | 51.1 | 5316.6 | 525.0 | -12.9 | -12.0 | 273.4 | 25.3 | 25.2 | -1.5 | 312.9 | 318.6 | 0.5 | 19.1 | 12.2 | 1.4 |
| 18.0 | 54.3 | 5694.5 | 500.0 | -16.0 | -15.0 | 266.0 | 27.0 | 26.9 | 1.9 | 313.5 | 315.6 | 0.1 | 6.1 | 12.2 | 1.4 |
| 19.4 | 57.1 | 6071.2 | 475.0 | -18.1 | -15.4 | 267.4 | 28.6 | 28.5 | 1.3 | 315.5 | 315.6 | 0.0 | 2.2 | 14.4 | 1.1 |
| 20.9 | 60.3 | 6471.3 | 450.0 | -20.7 | -18.0 | 272.0 | 29.7 | 29.7 | -1.0 | 317.3 | 318.1 | 0.2 | 14.4 | 14.3 | 1.0 |
| 22.3 | 62.6 | 6894.2 | 425.0 | -23.2 | -20.9 | 271.3 | 30.7 | 30.7 | -0.7 | 319.2 | 320.1 | 0.2 | 17.9 | 19.6 | 9.0 |
| 23.8 | 66.9 | 7335.2 | 400.0 | -26.4 | -23.0 | 269.0 | 34.3 | 34.3 | 0.2 | 323.7 | 321.6 | 0.3 | 24.1 | 22.3 | 7.0 |
| 25.4 | 70.2 | 7794.4 | 375.0 | -30.0 | -25.0 | 266.2 | 36.9 | 36.8 | 2.4 | 321.9 | 322.5 | 0.2 | 21.4 | 25.4 | 9.0 |
| 27.1 | 73.8 | 8285.1 | 350.0 | -34.6 | -28.9 | 268.3 | 37.0 | 37.0 | 1.1 | 322.0 | 322.3 | 0.1 | 15.2 | 29.5 | 7.0 |
| 29.0 | 77.7 | 8790.1 | 325.0 | -37.9 | -33.0 | 269.1 | 38.2 | 38.2 | 0.6 | 324.3 | 324.4 | 0.0 | 5.2 | 33.7 | 7.0 |
| 31.0 | 81.5 | 9345.3 | 300.0 | -41.4 | -36.9 | 270.4 | 41.1 | 41.1 | -0.6 | 327.0 | 999.9 | 99.9 | 99.9 | 34.7 | 7.0 |
| 33.2 | 85.6 | 9930.8 | 275.0 | -46.2 | -40.9 | 267.6 | 40.5 | 40.5 | 1.7 | 328.4 | 999.9 | 99.9 | 99.9 | 44.1 | 7.0 |
| 35.7 | 90.0 | 10555.2 | 250.0 | -49.7 | -44.9 | 258.5 | 41.0 | 41.0 | 8.3 | 332.2 | 999.9 | 99.9 | 99.9 | 49.6 | 7.0 |
| 38.2 | 94.9 | 11241.7 | 225.0 | -54.7 | -49.9 | 251.8 | 36.3 | 36.4 | 11.3 | 334.6 | 999.9 | 99.9 | 99.9 | 55.4 | 7.0 |
| 40.8 | 99.8 | 11984.0 | 200.0 | -60.6 | -55.4 | 256.4 | 43.0 | 41.8 | 10.1 | 336.8 | 999.9 | 99.9 | 99.9 | 61.1 | 7.0 |
| 43.7 | 105.0 | 12803.6 | 175.0 | -68.2 | -62.0 | 259.4 | 35.7 | 35.1 | 6.5 | 340.7 | 999.9 | 99.9 | 99.9 | 68.1 | 7.0 |
| 47.2 | 110.8 | 13745.7 | 150.0 | -72.0 | -66.0 | 263.2 | 28.1 | 28.0 | 3.3 | 343.3 | 999.9 | 99.9 | 99.9 | 75.1 | 7.0 |
| 51.3 | 117.3 | 14834.3 | 125.0 | -76.0 | -69.9 | 265.7 | 25.8 | 24.8 | 0.1 | 349.6 | 999.9 | 99.9 | 99.9 | 82.1 | 7.0 |
| 56.1 | 124.5 | 16302.5 | 100.0 | -77.6 | -72.0 | 267.4 | 31.2 | 31.1 | 1.4 | 416.5 | 999.9 | 99.9 | 99.9 | 90.6 | 7.0 |
| 62.5 | 132.3 | 19090.7 | 75.0 | -82.2 | -77.0 | 285.2 | 2.7 | 2.6 | -0.7 | 442.6 | 999.9 | 99.9 | 99.9 | 95.5 | 7.0 |
| 70.9 | 140.3 | 20632.2 | 50.0 | -87.6 | -82.0 | 267.3 | 1.9 | 1.9 | 0.1 | 507.8 | 999.9 | 99.9 | 99.9 | 98.0 | 7.0 |
| 84.2 | 148.7 | 25070.7 | 25.0 | -91.9 | -86.9 | 999.9 | 99.9 | 99.9 | 99.9 | 635.7 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 |

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
• BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
• BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY.

STATION NO. 433
SALEM, ILL

24 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PUT T UG K | E POT T DG K | MR RTO GM/KG | RM PCT | PANGF KM | 157 | 16. C |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|------|-------|
| 0.3 | 5.3 | 175.0 | 991.0 | 21.2 | 12.6 | 150.0 | 2.6 | -1.3 | 2.3 | 296.4 | 321.1 | 9.3 | 58.0 | 0.0 | 0.0 | 0.0 |
| 99.9 | 59.3 | 99.9 | 1000.0 | 59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 6.3 | 316.1 | 975.0 | 20.3 | 12.2 | 136.8 | 2.0 | -1.9 | 0.5 | 296.9 | 321.5 | 9.2 | 59.6 | 0.1 | 3.1 | 3.1 |
| 1.2 | 8.3 | 539.7 | 950.0 | 18.2 | 11.2 | 88.0 | 2.5 | -2.5 | -0.1 | 296.8 | 320.4 | 8.8 | 63.7 | 0.2 | 3.1 | 3.1 |
| 2.0 | 10.3 | 767.7 | 925.0 | 15.9 | 10.0 | 76.8 | 3.2 | -3.2 | -0.6 | 296.7 | 319.1 | 8.4 | 57.9 | 0.3 | 2.0 | 2.0 |
| 2.9 | 12.3 | 999.9 | 900.0 | 14.2 | 8.6 | 55.3 | 4.7 | -3.9 | -2.7 | 297.2 | 318.3 | 7.8 | 69.2 | 0.4 | 2.3 | 2.3 |
| 3.7 | 14.4 | 1237.7 | 875.0 | 13.2 | 7.5 | 58.5 | 3.2 | -2.8 | -1.7 | 298.5 | 318.8 | 7.5 | 68.1 | 0.5 | 2.5 | 2.5 |
| 4.5 | 16.4 | 1481.5 | 850.0 | 12.7 | 4.0 | 25.5 | 1.7 | 1.6 | 0.4 | 300.2 | 316.9 | 6.0 | 55.2 | 0.7 | 2.5 | 2.5 |
| 5.3 | 18.4 | 1732.0 | 825.0 | 11.8 | 1.5 | 99.9 | 9.9 | 99.9 | 99.9 | 301.8 | 316.4 | 5.2 | 49.1 | 0.7 | 2.5 | 2.5 |
| 6.1 | 20.7 | 1889.5 | 800.0 | 9.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 301.6 | 316.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 7.0 | 23.0 | 2250.7 | 775.0 | 8.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 302.7 | 316.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 7.9 | 25.3 | 2523.5 | 750.0 | 6.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 303.9 | 316.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 8.7 | 27.6 | 2797.3 | 725.0 | 4.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 304.6 | 316.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 10.0 | 30.7 | 3082.1 | 700.0 | 2.2 | 1.6 | 99.9 | 99.9 | 99.9 | 99.9 | 305.7 | 316.4 | 6.2 | 55.7 | 0.8 | 2.5 | 2.5 |
| 11.1 | 32.6 | 3375.9 | 675.0 | 1.9 | -14.8 | 99.9 | 99.9 | 99.9 | 99.9 | 308.0 | 313.5 | 1.8 | 28.0 | 0.9 | 2.5 | 2.5 |
| 12.2 | 35.2 | 3679.3 | 650.0 | 0.1 | -16.9 | 267.8 | 17.1 | 17.1 | 0.7 | 309.3 | 314.1 | 1.6 | 26.4 | 0.9 | 2.5 | 2.5 |
| 13.3 | 37.7 | 3992.1 | 625.0 | -2.4 | -15.6 | 268.8 | 19.0 | 19.0 | 0.4 | 309.3 | 315.5 | 1.8 | 35.4 | 0.9 | 2.5 | 2.5 |
| 14.3 | 40.4 | 4314.9 | 600.0 | -4.8 | -20.6 | 267.5 | 20.8 | 20.8 | 0.9 | 310.6 | 316.6 | 1.2 | 27.8 | 0.9 | 2.5 | 2.5 |
| 15.4 | 43.1 | 4647.5 | 575.0 | -7.8 | -22.7 | 265.2 | 21.5 | 21.5 | 1.8 | 310.6 | 316.6 | 1.1 | 29.1 | 0.9 | 2.5 | 2.5 |
| 16.4 | 46.0 | 4991.3 | 550.0 | -10.3 | -22.9 | 268.5 | 21.7 | 21.7 | 0.6 | 311.9 | 315.5 | 1.1 | 34.6 | 1.1 | 2.5 | 2.5 |
| 17.9 | 49.3 | 5348.1 | 525.0 | -12.4 | -23.7 | 273.5 | 20.6 | 20.6 | -1.3 | 313.5 | 317.0 | 1.1 | 36.3 | 1.2 | 2.5 | 2.5 |
| 19.2 | 52.3 | 5719.5 | 500.0 | -14.0 | -24.5 | 270.0 | 26.1 | 26.1 | -0.0 | 316.0 | 316.7 | 0.2 | 8.4 | 1.4 | 2.5 | 2.5 |
| 20.5 | 55.1 | 6107.4 | 475.0 | -16.4 | -24.1 | 265.0 | 31.8 | 31.8 | 0.6 | 317.6 | 318.3 | 0.2 | 8.7 | 1.6 | 2.5 | 2.5 |
| 21.7 | 58.3 | 6512.1 | 450.0 | -19.1 | -24.6 | 266.1 | 36.9 | 36.9 | 2.5 | 319.2 | 319.9 | 0.2 | 10.4 | 1.9 | 2.5 | 2.5 |
| 23.3 | 61.7 | 6916.4 | 425.0 | -22.6 | -25.0 | 268.1 | 38.3 | 38.3 | 4.0 | 320.0 | 320.8 | 0.2 | 15.1 | 2.2 | 2.5 | 2.5 |
| 24.7 | 65.4 | 7376.2 | 400.0 | -26.1 | -31.9 | 261.0 | 36.7 | 36.7 | 5.7 | 321.1 | 323.3 | 0.7 | 58.4 | 2.6 | 2.5 | 2.5 |
| 26.1 | 69.9 | 7840.0 | 375.0 | -29.1 | -35.1 | 263.4 | 37.4 | 37.4 | 4.3 | 322.6 | 324.4 | 0.5 | 57.8 | 2.9 | 2.5 | 2.5 |
| 27.5 | 72.5 | 8328.6 | 350.0 | -32.6 | -40.4 | 267.0 | 34.2 | 34.2 | 2.0 | 323.3 | 324.5 | 0.3 | 50.2 | 3.3 | 2.5 | 2.5 |
| 29.3 | 76.7 | 8843.9 | 325.0 | -37.8 | -46.9 | 267.0 | 40.8 | 40.8 | 2.1 | 325.5 | 325.1 | 0.2 | 37.5 | 3.6 | 2.5 | 2.5 |
| 31.9 | 80.9 | 9390.3 | 300.0 | -42.4 | -52.9 | 268.8 | 40.7 | 40.7 | 3.7 | 325.6 | 325.9 | 99.9 | 99.9 | 4.3 | 2.5 | 2.5 |
| 34.2 | 85.4 | 9972.6 | 275.0 | -47.1 | -59.9 | 263.0 | 42.5 | 42.5 | 5.2 | 327.0 | 327.0 | 99.9 | 99.9 | 4.8 | 2.5 | 2.5 |
| 36.6 | 90.2 | 10596.5 | 250.0 | -51.8 | -64.4 | 261.7 | 41.0 | 41.0 | 5.9 | 329.1 | 329.1 | 99.9 | 99.9 | 5.3 | 2.5 | 2.5 |
| 39.1 | 95.4 | 11273.6 | 225.0 | -55.9 | -69.9 | 263.9 | 36.8 | 36.8 | 3.9 | 332.9 | 332.9 | 99.9 | 99.9 | 6.0 | 2.5 | 2.5 |
| 41.8 | 101.2 | 12014.3 | 200.0 | -60.3 | -74.4 | 265.8 | 34.6 | 34.6 | 6.1 | 337.3 | 337.3 | 99.9 | 99.9 | 6.7 | 2.5 | 2.5 |
| 44.4 | 107.3 | 12819.8 | 175.0 | -64.4 | -79.9 | 266.7 | 33.2 | 33.2 | 7.7 | 343.6 | 343.6 | 99.9 | 99.9 | 7.3 | 2.5 | 2.5 |
| 48.1 | 114.3 | 13789.0 | 150.0 | -69.0 | -84.4 | 266.4 | 35.5 | 35.5 | 2.2 | 366.7 | 366.7 | 99.9 | 99.9 | 8.1 | 2.5 | 2.5 |
| 52.6 | 122.3 | 14941.3 | 125.0 | -64.8 | -89.9 | 262.0 | 26.9 | 26.9 | 3.7 | 392.1 | 392.1 | 99.9 | 99.9 | 9.0 | 2.5 | 2.5 |
| 57.6 | 130.3 | 16332.6 | 100.0 | -59.3 | -94.9 | 263.8 | 14.2 | 14.2 | -3.4 | 413.2 | 413.2 | 99.9 | 99.9 | 9.7 | 2.5 | 2.5 |
| 63.4 | 139.3 | 18129.6 | 75.0 | -63.5 | -99.9 | 264.8 | 14.2 | 14.2 | 1.3 | 439.8 | 439.8 | 99.9 | 99.9 | 10.2 | 2.5 | 2.5 |
| 72.2 | 148.3 | 20659.6 | 50.0 | -58.2 | -99.9 | 45.4 | 1.5 | -1.1 | -1.0 | 506.4 | 499.9 | 99.9 | 99.9 | 10.6 | 2.5 | 2.5 |
| 85.0 | 157.7 | 21106.7 | 25.0 | -52.9 | -99.9 | 19.4 | 2.6 | -0.9 | -2.4 | 633.1 | 633.1 | 99.9 | 99.9 | 107.6 | 2.5 | 2.5 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 451
DODGE CITY, KAN
24 APRIL 1975
2315 CDT

| TIME MIN | CNTCT | HEIGHT GPH | PRES MB | TEMP DG C | CFW PT DG C | DIR DG | SPEED M/SEC | COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTO CM/KG | RM PCT | RANGE KM | A7 DU |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|---------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 12.4 | 791.0 | 920.6 | 21.1 | 9.4 | 60.0 | 6.2 | -5.4 | -3.1 | 302.4 | 324.6 | 0.1 | 47.0 | 0.0 | C |
| 99.9 | 99.9 | 99.9 | 1000.0 | 59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.8 | 15.4 | 696.3 | 900.0 | 10.5 | 10.2 | 99.9 | 99.9 | 99.9 | 99.9 | 301.8 | 325.6 | 0.7 | 58.2 | 99.9 | 99.9 |
| 1.7 | 17.5 | 1227.4 | 875.0 | 16.6 | 9.6 | 99.9 | 99.9 | 99.9 | 99.9 | 302.1 | 325.7 | 0.6 | 63.4 | 99.9 | 99.9 |
| 2.5 | 20.1 | 1472.6 | 850.0 | 14.1 | 9.5 | 49.1 | 5.3 | -4.0 | -3.5 | 302.1 | 325.7 | 0.6 | 63.4 | 99.9 | 99.9 |
| 3.3 | 22.3 | 1725.2 | 825.0 | 11.7 | 9.0 | 40.8 | 5.1 | -3.3 | -3.5 | 302.1 | 325.7 | 0.6 | 63.4 | 99.9 | 99.9 |
| 4.2 | 24.3 | 1982.2 | 800.0 | 9.8 | 7.7 | 30.3 | 3.4 | -1.7 | -3.5 | 302.1 | 325.7 | 0.6 | 63.4 | 99.9 | 99.9 |
| 5.2 | 27.3 | 2245.9 | 775.0 | 8.0 | 6.2 | 31.7 | 3.4 | 0.7 | -0.6 | 303.4 | 325.7 | 0.6 | 63.4 | 99.9 | 99.9 |
| 6.4 | 30.0 | 2516.0 | 750.0 | 6.0 | 3.5 | 29.2 | 3.4 | 3.2 | -1.2 | 303.9 | 325.7 | 0.6 | 63.4 | 99.9 | 99.9 |
| 7.4 | 32.4 | 2753.3 | 725.0 | 4.2 | -0.6 | 27.3 | 5.3 | 5.3 | -0.3 | 304.7 | 319.2 | 5.1 | 71.1 | 1.4 | 21.6 |
| 8.5 | 35.3 | 3079.1 | 700.0 | 4.3 | -14.2 | 27.0 | 8.2 | 8.2 | -0.3 | 307.2 | 312.4 | 1.8 | 24.6 | 1.2 | 15.4 |
| 9.5 | 37.8 | 3373.6 | 675.0 | 1.8 | -17.8 | 26.7 | 8.7 | 8.6 | 0.3 | 307.8 | 312.4 | 1.4 | 21.7 | 1.2 | 16.7 |
| 10.7 | 40.6 | 3676.4 | 650.0 | -1.0 | -18.2 | 27.5 | 8.5 | 8.5 | -0.7 | 308.0 | 312.4 | 1.4 | 25.5 | 1.4 | 14.4 |
| 11.4 | 43.4 | 3984.0 | 625.0 | -3.2 | -18.6 | 28.3 | 9.4 | 9.3 | -1.7 | 309.0 | 313.4 | 1.4 | 29.1 | 1.5 | 13.6 |
| 13.0 | 46.3 | 4365.2 | 600.0 | -5.2 | -22.0 | 27.9 | 11.6 | 11.6 | -0.8 | 310.2 | 313.7 | 1.1 | 25.3 | 2.5 | 12.2 |
| 14.1 | 49.1 | 4642.9 | 575.0 | -6.8 | -27.9 | 27.2 | 13.9 | 13.9 | -0.7 | 312.1 | 314.3 | 0.7 | 16.6 | 3.3 | 11.5 |
| 15.3 | 52.0 | 4987.7 | 550.0 | -9.3 | -30.6 | 27.2 | 13.8 | 13.7 | -1.7 | 313.1 | 314.9 | 0.5 | 15.7 | 4.3 | 11.0 |
| 16.7 | 55.2 | 5345.5 | 525.0 | -12.2 | -37.4 | 28.5 | 12.4 | 12.1 | -2.5 | 313.7 | 314.7 | 0.3 | 10.2 | 5.3 | 10.4 |
| 18.0 | 58.1 | 5716.3 | 500.0 | -15.2 | -40.1 | 28.2 | 15.0 | 14.6 | -3.4 | 314.4 | 315.2 | 0.2 | 9.8 | 6.4 | 10.4 |
| 19.3 | 61.5 | 6101.4 | 475.0 | -18.6 | -40.7 | 28.6 | 17.1 | 16.9 | -3.1 | 314.9 | 315.7 | 0.2 | 12.1 | 7.7 | 10.7 |
| 20.7 | 65.0 | 6501.6 | 450.0 | -21.7 | -43.0 | 27.2 | 17.3 | 17.2 | -5.2 | 315.9 | 316.5 | 0.2 | 12.4 | 9.1 | 11.4 |
| 22.2 | 68.1 | 6919.8 | 425.0 | -25.4 | -46.6 | 27.8 | 19.2 | 19.0 | -6.4 | 316.5 | 316.9 | 0.1 | 11.6 | 10.7 | 10.4 |
| 23.7 | 71.6 | 7350.7 | 400.0 | -29.1 | -47.8 | 26.6 | 21.2 | 21.1 | -6.4 | 317.2 | 317.6 | 0.1 | 14.3 | 12.7 | 10.3 |
| 25.3 | 75.4 | 7814.1 | 375.0 | -33.3 | -48.9 | 26.3 | 21.5 | 21.4 | 2.5 | 317.5 | 317.6 | 0.1 | 19.0 | 14.5 | 10.2 |
| 27.0 | 79.3 | 8294.4 | 350.0 | -37.2 | -51.9 | 26.3 | 26.0 | 25.8 | 3.0 | 318.5 | 318.6 | 0.1 | 19.7 | 16.7 | 9.4 |
| 28.7 | 83.2 | 8802.4 | 325.0 | -41.2 | 99.9 | 25.6 | 25.4 | 25.4 | 6.1 | 318.8 | 318.8 | 99.9 | 99.9 | 19.7 | 9.4 |
| 30.5 | 87.3 | 9340.5 | 300.0 | -46.1 | 99.9 | 25.6 | 28.9 | 28.7 | 6.2 | 320.4 | 319.9 | 99.9 | 99.9 | 22.2 | 9.4 |
| 32.6 | 91.9 | 9914.0 | 275.0 | -50.4 | 99.9 | 25.2 | 31.8 | 30.4 | 7.6 | 322.2 | 319.9 | 99.9 | 99.9 | 25.9 | 9.4 |
| 34.7 | 96.4 | 10534.2 | 250.0 | -52.5 | 99.9 | 25.5 | 30.4 | 29.4 | 7.6 | 324.1 | 319.9 | 99.9 | 99.9 | 29.5 | 9.4 |
| 36.9 | 101.3 | 11213.4 | 225.0 | -53.8 | 99.9 | 26.0 | 33.8 | 33.2 | 5.9 | 326.0 | 319.9 | 99.9 | 99.9 | 34.0 | 9.4 |
| 39.4 | 106.8 | 11964.1 | 200.0 | -56.2 | 99.9 | 25.9 | 35.3 | 34.8 | 6.3 | 327.7 | 319.9 | 99.9 | 99.9 | 38.5 | 9.4 |
| 42.3 | 112.5 | 12810.0 | 175.0 | -56.4 | 99.9 | 27.0 | 33.5 | 33.5 | -0.1 | 328.8 | 319.9 | 99.9 | 99.9 | 45.6 | 9.4 |
| 45.6 | 119.2 | 13785.5 | 150.0 | -57.6 | 99.9 | 26.3 | 32.2 | 32.0 | 3.9 | 329.9 | 319.9 | 99.9 | 99.9 | 51.6 | 8.4 |
| 49.3 | 126.2 | 14935.7 | 125.0 | -57.7 | 99.9 | 25.8 | 22.4 | 22.4 | 4.0 | 330.5 | 319.9 | 99.9 | 99.9 | 58.4 | 8.4 |
| 53.9 | 134.2 | 16344.8 | 100.0 | -59.2 | 99.9 | 25.4 | 26.4 | 25.4 | 7.1 | 415.2 | 319.9 | 99.9 | 99.9 | 65.4 | 8.4 |
| 59.7 | 142.3 | 18145.9 | 75.0 | -58.3 | 99.9 | 26.1 | 22.6 | 22.5 | 1.9 | 450.6 | 319.9 | 99.9 | 99.9 | 73.2 | 8.4 |
| 67.5 | 151.7 | 20690.5 | 50.0 | -57.0 | 99.9 | 26.1 | 7.3 | 7.1 | -1.5 | 509.4 | 319.9 | 99.9 | 99.9 | 77.3 | 8.4 |
| 80.5 | 162.0 | 23163.8 | 25.0 | -50.2 | 99.9 | 25.2 | 6.1 | 5.9 | -1.6 | 640.3 | 319.9 | 99.9 | 99.9 | 78.8 | 9.4 |

• PY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
• PY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
• PY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 456
TOPEKA, KAN

26 APRIL 1975
2325 GMT

| TIME MIN | CNTCT | WEIGHT GEM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.7 | 6.5 | 285.0 | 979.0 | 21.1 | 17.3 | 70.0 | 4.6 | -4.3 | -1.6 | 237.8 | 331.6 | 12.8 | 79.0 | 0.0 | 0.0 |
| 9.9 | 9.9 | 49.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 7.1 | 6.9 | 307.5 | 975.0 | 20.5 | 14.8 | 126.0 | 3.6 | -2.9 | 2.1 | 247.3 | 326.4 | 11.0 | 70.0 | 0.2 | 24.0 |
| 0.9 | 9.2 | 527.3 | 950.0 | 18.0 | 12.6 | 93.7 | 3.0 | -3.0 | 0.2 | 296.8 | 322.7 | 9.7 | 70.7 | 0.3 | 22.7 |
| 1.8 | 11.3 | 755.3 | 925.0 | 16.0 | 10.9 | 26.9 | 7.4 | -4.4 | -5.9 | 296.9 | 320.7 | 8.9 | 71.7 | 0.6 | 22.7 |
| 2.6 | 13.6 | 947.8 | 900.0 | 14.0 | 11.3 | 31.1 | 7.7 | -4.0 | -6.6 | 297.2 | 322.3 | 9.4 | 83.9 | 0.7 | 22.7 |
| 3.5 | 15.9 | 1225.6 | 875.0 | 13.1 | 10.7 | 11.1 | 4.9 | -1.0 | -4.8 | 298.7 | 323.6 | 9.3 | 85.1 | 1.1 | 21.7 |
| 4.3 | 18.3 | 1469.3 | 850.0 | 11.8 | 9.1 | 33.1 | 3.1 | 1.1 | -2.9 | 299.6 | 322.8 | 8.6 | 83.7 | 1.4 | 21.2 |
| 5.1 | 20.6 | 1715.1 | 825.0 | 10.3 | 8.0 | 22.1 | 2.0 | 1.5 | 1.4 | 300.6 | 322.9 | 8.2 | 85.5 | 1.6 | 21.0 |
| 6.3 | 23.1 | 1975.7 | 800.0 | 10.4 | 7.2 | 218.9 | 5.9 | 3.7 | 4.6 | 303.2 | 325.3 | 8.0 | 80.7 | 1.2 | 20.7 |
| 7.1 | 25.5 | 2230.8 | 775.0 | 8.5 | 5.8 | 224.7 | 7.1 | 5.0 | 5.1 | 303.9 | 324.8 | 7.5 | 83.4 | 0.4 | 19.0 |
| 8.3 | 28.0 | 2510.5 | 750.0 | 7.0 | 2.6 | 224.8 | 5.4 | 3.9 | 3.7 | 305.0 | 322.4 | 6.2 | 73.4 | 0.5 | 17.7 |
| 9.3 | 30.3 | 2788.6 | 725.0 | 5.2 | -1.5 | 276.1 | 12.0 | 15.0 | -1.3 | 305.8 | 319.4 | 4.7 | 61.7 | 0.5 | 15.0 |
| 10.1 | 32.4 | 3074.9 | 700.0 | 4.2 | -7.0 | 244.6 | 19.4 | 15.3 | 1.8 | 307.6 | 317.2 | 3.2 | 43.7 | 1.7 | 10.0 |
| 11.5 | 34.0 | 3370.0 | 675.0 | 2.7 | -16.5 | 241.9 | 14.2 | 12.6 | 6.7 | 308.9 | 313.7 | 1.6 | 22.7 | 2.5 | 4.7 |
| 12.8 | 36.9 | 3673.8 | 650.0 | -0.1 | -17.2 | 270.8 | 15.0 | 15.0 | -0.2 | 309.0 | 313.7 | 1.5 | 26.1 | 3.6 | 6.0 |
| 13.7 | 41.6 | 3986.2 | 625.0 | -2.9 | -18.0 | 273.3 | 14.8 | 14.8 | -0.8 | 309.3 | 313.9 | 1.5 | 30.0 | 4.7 | 8.0 |
| 15.1 | 48.6 | 4307.6 | 600.0 | -5.7 | -18.9 | 273.7 | 14.8 | 14.8 | -1.0 | 309.6 | 314.1 | 1.4 | 34.3 | 5.7 | 9.0 |
| 16.2 | 47.6 | 4619.5 | 575.0 | -8.7 | -19.7 | 270.4 | 14.8 | 14.8 | -0.1 | 310.0 | 314.3 | 1.4 | 40.3 | 6.7 | 9.1 |
| 17.5 | 50.7 | 4942.0 | 550.0 | -12.0 | -21.5 | 268.3 | 13.5 | 13.5 | 0.4 | 310.0 | 313.9 | 1.2 | 44.9 | 7.4 | 9.0 |
| 18.4 | 53.9 | 5316.1 | 525.0 | -14.5 | -27.7 | 267.5 | 14.2 | 14.2 | 0.6 | 311.0 | 313.4 | 0.7 | 31.6 | 8.4 | 9.0 |
| 20.0 | 56.3 | 5703.9 | 500.0 | -17.3 | -26.1 | 257.4 | 17.1 | 16.7 | 1.3 | 312.0 | 315.0 | 0.6 | 37.3 | 11.2 | 9.0 |
| 21.4 | 60.4 | 6096.3 | 475.0 | -20.2 | -31.0 | 257.4 | 17.1 | 16.7 | 3.6 | 313.0 | 315.0 | 0.6 | 44.2 | 16.0 | 9.0 |
| 22.7 | 63.7 | 6484.8 | 450.0 | -22.9 | -29.5 | 254.6 | 22.4 | 22.0 | 6.1 | 314.5 | 316.9 | 0.7 | 54.3 | 12.7 | 4.7 |
| 24.2 | 67.0 | 6901.9 | 425.0 | -25.3 | -32.9 | 253.1 | 23.5 | 22.5 | 6.8 | 316.6 | 318.5 | 0.6 | 48.6 | 14.9 | 4.5 |
| 25.6 | 70.6 | 7339.5 | 400.0 | -28.6 | -38.6 | 253.4 | 23.0 | 22.0 | 6.6 | 317.5 | 318.7 | 0.3 | 38.1 | 14.9 | 4.5 |
| 27.4 | 74.3 | 7797.2 | 375.0 | -32.8 | -45.5 | 247.5 | 26.5 | 24.5 | 10.1 | 318.1 | 318.7 | 0.2 | 26.6 | 15.3 | 4.2 |
| 29.2 | 78.3 | 8290.1 | 350.0 | -35.8 | -51.3 | 250.0 | 31.6 | 29.7 | 10.8 | 320.4 | 320.7 | 0.1 | 17.1 | 22.3 | 5.0 |
| 30.9 | 82.4 | 8791.3 | 325.0 | -39.5 | -47.7 | 248.2 | 39.0 | 30.2 | 14.4 | 322.2 | 322.7 | 0.2 | 41.0 | 25.6 | 7.5 |
| 32.6 | 86.8 | 9334.4 | 300.0 | -43.7 | 99.9 | 239.7 | 37.4 | 31.9 | 19.5 | 323.8 | 999.9 | 99.9 | 999.9 | 26.9 | 7.7 |
| 34.1 | 91.5 | 9912.4 | 275.0 | -49.2 | 99.9 | 239.7 | 40.1 | 34.7 | 20.1 | 324.0 | 999.9 | 99.9 | 999.9 | 33.5 | 7.5 |
| 36.4 | 96.4 | 10523.9 | 250.0 | -54.1 | 99.9 | 247.0 | 44.7 | 44.2 | 17.5 | 325.7 | 999.9 | 99.9 | 999.9 | 38.6 | 7.5 |
| 38.9 | 101.6 | 11204.2 | 225.0 | -55.7 | 99.9 | 249.3 | 41.9 | 35.2 | 14.8 | 333.2 | 999.9 | 99.9 | 999.9 | 45.5 | 7.3 |
| 41.4 | 107.6 | 11950.6 | 200.0 | -57.6 | 99.9 | 253.5 | 39.8 | 37.2 | 11.0 | 341.6 | 999.9 | 99.9 | 999.9 | 52.7 | 7.3 |
| 44.9 | 113.6 | 12795.0 | 175.0 | -56.7 | 99.9 | 251.4 | 30.4 | 28.6 | 9.7 | 356.4 | 999.9 | 99.9 | 999.9 | 57.6 | 7.3 |
| 48.1 | 120.7 | 13705.8 | 150.0 | -57.6 | 99.9 | 263.9 | 26.3 | 24.1 | 2.8 | 370.8 | 999.9 | 99.9 | 999.9 | 64.0 | 7.3 |
| 52.2 | 128.3 | 14915.8 | 125.0 | -59.3 | 99.9 | 255.6 | 28.7 | 27.8 | 7.1 | 387.7 | 999.9 | 99.9 | 999.9 | 70.3 | 7.4 |
| 57.5 | 136.7 | 16319.6 | 100.0 | -58.4 | 99.9 | 263.5 | 27.7 | 27.5 | 3.1 | 414.8 | 999.9 | 99.9 | 999.9 | 79.1 | 7.4 |
| 63.6 | 144.7 | 18120.3 | 75.0 | -58.7 | 99.9 | 254.9 | 16.7 | 16.1 | 4.3 | 449.8 | 999.9 | 99.9 | 999.9 | 85.7 | 7.4 |
| 72.0 | 153.7 | 23667.4 | 50.0 | -56.3 | 99.9 | 315.1 | 5.7 | 4.0 | -4.0 | 510.0 | 999.9 | 99.9 | 999.9 | 90.9 | 7.4 |
| 99.9 | 50.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 486
PORT TOTTEN, N.Y.24 APRIL 1975
2359 GMT

| TIME MIN | CNCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.5 | 6.0 | 1008.2 | 13.0 | 12.8 | 999.9 | 99.9 | 99.9 | 99.9 | 280.7 | 310.4 | 9.3 | 99.0 | 995.9 | 999. |
| 0.3 | 5.1 | 77.1 | 1000.0 | 13.7 | 13.7 | 999.9 | 99.9 | 99.9 | 99.9 | 280.1 | 113.5 | 9.9 | 102.0 | 999.9 | 999. |
| 1.0 | 7.1 | 282.4 | 975.0 | 15.8 | 15.8 | 999.9 | 99.9 | 99.9 | 99.9 | 282.6 | 322.8 | 11.7 | 102.3 | 999.9 | 999. |
| 1.8 | 9.3 | 513.6 | 950.0 | 14.9 | 14.9 | 999.9 | 99.9 | 99.9 | 99.9 | 283.3 | 323.3 | 11.3 | 102.2 | 999.9 | 999. |
| 2.6 | 11.3 | 739.7 | 925.0 | 13.7 | 13.7 | 999.9 | 99.9 | 99.9 | 99.9 | 284.8 | 322.9 | 10.8 | 102.0 | 999.9 | 999. |
| 3.4 | 13.5 | 670.7 | 900.0 | 12.1 | 12.1 | 999.9 | 99.9 | 99.9 | 99.9 | 285.3 | 321.4 | 9.7 | 101.8 | 999.9 | 999. |
| 4.4 | 15.6 | 1206.9 | 875.0 | 10.7 | 10.7 | 999.9 | 99.9 | 99.9 | 99.9 | 286.2 | 320.9 | 9.3 | 10.6 | 999.9 | 999. |
| 5.4 | 17.9 | 1448.5 | 850.0 | 9.2 | 9.2 | 999.9 | 99.9 | 99.9 | 99.9 | 286.9 | 320.0 | 8.6 | 101.3 | 999.9 | 999. |
| 6.4 | 20.2 | 1655.9 | 825.0 | 7.5 | 7.5 | 999.9 | 99.9 | 99.9 | 99.9 | 287.6 | 318.9 | 7.9 | 101.1 | 999.9 | 999. |
| 7.5 | 22.4 | 1949.5 | 800.0 | 6.0 | 5.8 | 999.9 | 99.9 | 99.9 | 99.9 | 288.5 | 318.3 | 7.3 | 99.3 | 999.9 | 999. |
| 8.5 | 24.9 | 2239.4 | 775.0 | 4.8 | 4.8 | 999.9 | 99.9 | 99.9 | 99.9 | 289.9 | 318.1 | 7.0 | 100.3 | 999.9 | 999. |
| 9.4 | 27.1 | 2476.9 | 750.0 | 3.4 | 3.4 | 999.9 | 99.9 | 99.9 | 99.9 | 301.1 | 318.2 | 6.6 | 100.3 | 999.9 | 999. |
| 10.4 | 29.6 | 2732.0 | 725.0 | 2.0 | 2.0 | 999.9 | 99.9 | 99.9 | 99.9 | 302.5 | 318.6 | 6.1 | 100.1 | 999.9 | 999. |
| 11.5 | 32.2 | 3335.2 | 700.0 | 1.0 | 1.0 | 999.9 | 99.9 | 99.9 | 99.9 | 304.4 | 321.0 | 5.9 | 99.9 | 999.9 | 999. |
| 12.5 | 34.9 | 3327.7 | 675.0 | 0.2 | 0.2 | 999.9 | 99.9 | 99.9 | 99.9 | 306.6 | 323.1 | 5.8 | 99.8 | 999.9 | 999. |
| 13.6 | 37.4 | 3630.3 | 650.0 | -1.2 | -1.2 | 999.9 | 99.9 | 99.9 | 99.9 | 309.3 | 323.9 | 5.4 | 100.6 | 999.9 | 999. |
| 14.9 | 40.2 | 3942.8 | 625.0 | -2.9 | -2.9 | 999.9 | 99.9 | 99.9 | 99.9 | 309.7 | 324.1 | 4.9 | 100.3 | 999.9 | 999. |
| 16.1 | 42.9 | 4265.7 | 600.0 | -4.6 | -4.7 | 999.9 | 99.9 | 99.9 | 99.9 | 311.4 | 324.7 | 4.5 | 99.4 | 999.9 | 999. |
| 17.3 | 45.3 | 4600.2 | 575.0 | -6.4 | -6.6 | 999.9 | 99.9 | 99.9 | 99.9 | 313.0 | 325.2 | 4.1 | 98.3 | 999.9 | 999. |
| 18.8 | 48.9 | 4966.9 | 550.0 | -8.5 | -8.9 | 999.9 | 99.9 | 99.9 | 99.9 | 314.4 | 325.1 | 3.6 | 97.3 | 999.9 | 999. |
| 20.0 | 51.8 | 5337.1 | 525.0 | -10.4 | -11.0 | 999.9 | 99.9 | 99.9 | 99.9 | 316.3 | 325.9 | 3.1 | 95.3 | 999.9 | 999. |
| 21.3 | 54.3 | 5710.6 | 500.0 | -12.9 | -14.0 | 999.9 | 99.9 | 99.9 | 99.9 | 317.6 | 325.7 | 2.6 | 91.7 | 999.9 | 999. |
| 22.4 | 56.1 | 6070.6 | 475.0 | -15.7 | -17.1 | 999.9 | 99.9 | 99.9 | 99.9 | 318.7 | 325.4 | 2.1 | 88.9 | 999.9 | 999. |
| 24.1 | 61.0 | 6470.6 | 450.0 | -18.6 | -20.3 | 999.9 | 99.9 | 99.9 | 99.9 | 320.0 | 325.5 | 1.7 | 86.5 | 999.9 | 999. |
| 25.8 | 65.2 | 6910.4 | 425.0 | -21.9 | -23.7 | 999.9 | 99.9 | 99.9 | 99.9 | 321.6 | 325.4 | 1.3 | 84.9 | 999.9 | 999. |
| 27.3 | 68.7 | 7344.2 | 400.0 | -25.2 | -27.2 | 999.9 | 99.9 | 99.9 | 99.9 | 322.4 | 325.8 | 1.0 | 83.2 | 999.9 | 999. |
| 29.9 | 72.3 | 7899.6 | 375.0 | -28.9 | -31.4 | 999.9 | 99.9 | 99.9 | 99.9 | 323.3 | 325.9 | 0.7 | 78.9 | 999.9 | 999. |
| 30.5 | 74.4 | 8256.8 | 350.0 | -32.6 | -35.6 | 999.9 | 99.9 | 99.9 | 99.9 | 324.7 | 326.6 | 0.5 | 74.6 | 999.9 | 999. |
| 32.2 | 76.5 | 8617.3 | 325.0 | -37.0 | -40.9 | 999.9 | 99.9 | 99.9 | 99.9 | 325.7 | 326.9 | 0.9 | 69.9 | 999.9 | 999. |
| 34.1 | 79.1 | 9055.4 | 300.0 | -41.4 | -45.9 | 999.9 | 99.9 | 99.9 | 99.9 | 327.0 | 327.0 | 0.9 | 65.9 | 999.9 | 999. |
| 36.3 | 82.4 | 9455.8 | 275.0 | -46.4 | -50.9 | 999.9 | 99.9 | 99.9 | 99.9 | 328.0 | 328.0 | 0.9 | 61.9 | 999.9 | 999. |
| 38.5 | 85.5 | 10574.7 | 250.0 | -52.1 | -56.9 | 999.9 | 99.9 | 99.9 | 99.9 | 330.1 | 328.1 | 0.9 | 57.9 | 999.9 | 999. |
| 40.8 | 88.6 | 11245.4 | 225.0 | -57.7 | -62.9 | 999.9 | 99.9 | 99.9 | 99.9 | 331.7 | 328.6 | 0.9 | 53.9 | 999.9 | 999. |
| 43.4 | 105.3 | 11930.8 | 200.0 | -63.8 | -68.9 | 999.9 | 99.9 | 99.9 | 99.9 | 334.0 | 329.0 | 0.9 | 49.9 | 999.9 | 999. |
| 46.1 | 111.3 | 12791.3 | 175.0 | -68.4 | -73.9 | 999.9 | 99.9 | 99.9 | 99.9 | 335.4 | 329.4 | 0.9 | 45.9 | 999.9 | 999. |
| 48.4 | 117.9 | 13727.4 | 150.0 | -74.2 | -79.9 | 999.9 | 99.9 | 99.9 | 99.9 | 337.2 | 329.9 | 0.9 | 41.9 | 999.9 | 999. |
| 54.9 | 125.3 | 14860.7 | 125.0 | -80.6 | -85.9 | 999.9 | 99.9 | 99.9 | 99.9 | 338.2 | 329.9 | 0.9 | 37.9 | 999.9 | 999. |
| 61.5 | 133.2 | 16268.0 | 100.0 | -86.7 | -91.9 | 999.9 | 99.9 | 99.9 | 99.9 | 341.0 | 329.9 | 0.9 | 33.9 | 999.9 | 999. |
| 70.0 | 141.0 | 18048.7 | 75.0 | -92.9 | -97.9 | 999.9 | 99.9 | 99.9 | 99.9 | 341.0 | 329.9 | 0.9 | 29.9 | 999.9 | 999. |
| 81.6 | 149.5 | 20562.4 | 50.0 | -98.7 | -103.9 | 999.9 | 99.9 | 99.9 | 99.9 | 341.0 | 329.9 | 0.9 | 25.9 | 999.9 | 999. |
| 99.9 | 99.9 | 99.9 | 25.0 | 59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 518
ALBANY, N.Y.

24 APRIL 1975
2315 GMT

150 1% 0

| TIME MIN | CNTCT | WEIGHT CFM | PRES MB | TEMP DG C | DEW PT DG C | CIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MA RTD GM/RC | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 0.3 | 86.0 | 938.5 | 13.8 | 13.2 | 170.0 | 5.2 | -0.9 | 5.1 | 289.3 | 312.9 | 9.6 | 96.0 | 0.0 | 0 |
| 0.9 | 0.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 0.6 | 287.1 | 975.0 | 13.0 | 12.0 | 181.2 | 5.4 | 0.1 | 5.4 | 286.5 | 312.9 | 9.1 | 93.1 | 0.2 | 34.3 |
| 1.5 | 10.6 | 506.7 | 950.0 | 14.0 | 12.1 | 225.3 | 5.1 | 4.2 | 2.9 | 29.6 | 317.1 | 9.4 | 88.3 | 0.2 | 34.3 |
| 2.4 | 12.9 | 731.6 | 925.0 | 12.6 | 10.8 | 262.8 | 7.7 | 7.6 | 1.0 | 293.4 | 316.6 | 8.8 | 88.7 | 0.7 | 31.8 |
| 3.2 | 15.2 | 961.4 | 900.0 | 10.9 | 9.3 | 276.5 | 9.1 | 9.1 | -1.0 | 293.8 | 315.6 | 8.2 | 90.2 | 0.9 | 30.0 |
| 4.1 | 17.3 | 1192.3 | 875.0 | 9.4 | 8.0 | 287.2 | 9.5 | 9.1 | -2.8 | 294.5 | 315.1 | 7.7 | 90.9 | 1.3 | 71.0 |
| 5.1 | 19.7 | 1436.6 | 850.0 | 7.6 | 6.2 | 275.4 | 6.7 | 6.6 | -1.1 | 295.0 | 313.9 | 7.1 | 91.4 | 1.4 | 71.0 |
| 6.1 | 22.2 | 1642.8 | 825.0 | 7.0 | 5.5 | 273.3 | 5.6 | 5.6 | -0.3 | 290.9 | 313.6 | 6.9 | 90.2 | 2.1 | 71.0 |
| 7.0 | 24.5 | 1835.9 | 800.0 | 6.1 | 1.7 | 293.7 | 5.8 | 5.3 | -2.3 | 298.4 | 313.4 | 5.4 | 73.2 | 2.4 | 55.0 |
| 8.1 | 26.5 | 2192.2 | 775.0 | 5.2 | -0.4 | 301.9 | 5.0 | 4.7 | -2.9 | 300.0 | 313.6 | 4.8 | 67.2 | 2.6 | 31.8 |
| 9.1 | 29.5 | 2422.7 | 750.0 | 3.8 | -1.3 | 286.7 | 7.0 | 6.7 | -2.0 | 301.3 | 314.5 | 4.6 | 65.1 | 3.0 | 31.8 |
| 9.9 | 32.1 | 2718.4 | 725.0 | 1.7 | -1.4 | 275.9 | 7.6 | 7.5 | -0.8 | 301.9 | 315.3 | 4.8 | 79.8 | 3.3 | 34.0 |
| 11.0 | 34.3 | 3020.6 | 700.0 | -0.1 | -2.3 | 270.3 | 9.9 | 8.9 | -0.1 | 302.9 | 316.1 | 4.6 | 84.9 | 3.4 | 34.0 |
| 12.0 | 37.3 | 3311.6 | 675.0 | -1.8 | -3.6 | 273.4 | 10.0 | 10.0 | -0.6 | 304.2 | 316.7 | 4.3 | 87.4 | 4.5 | 34.0 |
| 13.2 | 40.2 | 3611.4 | 650.0 | -2.7 | -6.8 | 270.1 | 12.7 | 12.7 | -0.0 | 305.2 | 315.6 | 3.5 | 79.1 | 5.2 | 34.0 |
| 14.3 | 42.9 | 3920.7 | 625.0 | -4.7 | -35.1 | 277.0 | 13.6 | 13.5 | -1.7 | 307.2 | 309.9 | 0.6 | 12.9 | 6.2 | 34.0 |
| 15.6 | 45.9 | 4231.1 | 600.0 | -6.5 | -37.1 | 283.7 | 15.1 | 14.7 | -3.6 | 308.4 | 309.5 | 0.3 | 6.7 | 7.2 | 34.0 |
| 16.9 | 48.3 | 4572.5 | 575.0 | -8.4 | -39.7 | 276.5 | 16.0 | 14.5 | -1.7 | 310.1 | 311.0 | 0.2 | 7.1 | 8.4 | 34.0 |
| 19.2 | 51.7 | 4915.2 | 550.0 | -11.3 | -39.7 | 273.6 | 17.0 | 17.0 | -1.1 | 310.7 | 311.4 | 0.2 | 7.4 | 9.7 | 34.0 |
| 19.6 | 54.3 | 5276.1 | 525.0 | -13.7 | -41.3 | 275.3 | 19.1 | 19.0 | -1.8 | 311.9 | 312.6 | 0.2 | 7.6 | 11.1 | 34.0 |
| 21.0 | 56.0 | 5641.1 | 500.0 | -14.4 | -49.5 | 268.3 | 20.1 | 20.1 | 0.6 | 315.5 | 315.8 | 0.1 | 3.2 | 12.4 | 34.0 |
| 22.4 | 61.3 | 6027.6 | 475.0 | -17.6 | -51.0 | 273.6 | 23.0 | 22.9 | 2.6 | 316.1 | 316.4 | 0.1 | 3.5 | 14.4 | 34.0 |
| 23.9 | 64.8 | 6439.0 | 450.0 | -20.5 | -36.7 | 261.1 | 26.1 | 25.8 | 4.0 | 317.5 | 319.9 | 0.4 | 25.5 | 16.4 | 34.0 |
| 25.4 | 68.0 | 6850.4 | 425.0 | -23.5 | -34.4 | 255.7 | 28.5 | 27.6 | 7.0 | 318.9 | 323.6 | 0.5 | 34.9 | 19.4 | 34.0 |
| 27.1 | 71.6 | 7292.6 | 400.0 | -25.8 | -37.8 | 251.6 | 27.4 | 26.0 | 8.7 | 321.4 | 323.7 | 0.4 | 31.3 | 22.3 | 34.0 |
| 28.9 | 75.4 | 7750.6 | 375.0 | -29.3 | -33.2 | 256.8 | 31.4 | 30.5 | 7.2 | 322.8 | 324.9 | 0.6 | 69.1 | 24.7 | 34.0 |
| 32.6 | 79.5 | 8290.3 | 350.0 | -32.6 | -36.1 | 258.8 | 34.8 | 34.1 | 6.7 | 324.7 | 326.5 | 0.5 | 71.0 | 28.4 | 34.0 |
| 32.4 | 83.4 | 8743.3 | 325.0 | -37.5 | -42.7 | 241.4 | 34.6 | 34.2 | 5.2 | 324.5 | 325.9 | 0.3 | 58.2 | 32.1 | 34.0 |
| 34.4 | 87.6 | 9310.5 | 300.0 | -42.1 | -59.9 | 267.6 | 38.5 | 38.5 | 1.6 | 326.1 | 326.9 | 99.9 | 99.9 | 36.3 | 34.0 |
| 36.4 | 92.2 | 9893.1 | 275.0 | -47.0 | 99.9 | 268.4 | 39.3 | 39.2 | 1.1 | 327.1 | 327.9 | 99.9 | 99.9 | 41.4 | 34.0 |
| 38.8 | 97.0 | 10516.4 | 250.0 | -52.3 | 99.9 | 269.0 | 42.2 | 42.1 | 1.5 | 328.3 | 328.9 | 99.9 | 99.9 | 46.7 | 34.0 |
| 41.3 | 102.3 | 11198.0 | 225.0 | -58.3 | 99.9 | 269.0 | 44.9 | 44.9 | 0.1 | 329.2 | 329.9 | 99.9 | 99.9 | 53.2 | 34.0 |
| 44.0 | 107.6 | 11616.5 | 200.0 | -64.7 | 99.9 | 277.0 | 45.4 | 45.3 | -2.9 | 330.4 | 330.9 | 99.9 | 99.9 | 61.5 | 34.0 |
| 47.2 | 113.5 | 12722.1 | 175.0 | -69.5 | 99.9 | 277.0 | 40.9 | 40.9 | -5.0 | 335.4 | 335.9 | 99.9 | 99.9 | 71.3 | 34.0 |
| 51.3 | 120.2 | 13645.6 | 150.0 | -61.5 | 99.9 | 276.8 | 36.6 | 36.3 | -4.3 | 341.1 | 341.9 | 99.9 | 99.9 | 90.2 | 34.0 |
| 54.7 | 127.3 | 14839.6 | 125.0 | -57.9 | 99.9 | 289.1 | 32.4 | 30.6 | -10.6 | 390.2 | 390.9 | 99.9 | 99.9 | 88.4 | 34.0 |
| 61.3 | 135.5 | 16219.9 | 100.0 | -57.1 | 99.9 | 284.2 | 23.2 | 21.1 | -9.5 | 417.5 | 417.9 | 99.9 | 99.9 | 96.5 | 34.0 |
| 67.4 | 143.3 | 18027.8 | 75.0 | -59.8 | 99.9 | 296.3 | 14.2 | 12.8 | -8.3 | 447.6 | 447.9 | 99.9 | 99.9 | 104.6 | 34.0 |
| 76.9 | 152.1 | 20509.7 | 50.0 | -57.8 | 99.9 | 292.4 | 9.5 | 9.8 | -3.6 | 507.3 | 507.9 | 99.9 | 99.9 | 125.0 | 34.0 |
| 93.0 | 161.3 | 24971.6 | 25.0 | -54.4 | 99.9 | 305 | 1.9 | -0.1 | -1.9 | 628.2 | 628.9 | 99.9 | 99.9 | 105.3 | 34.0 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 520
PITTSBURGH, PA

24 APRIL 1975
2315 GMT

| TIME MIN | CATLT | WEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | CIR DEG | SPEED M/SEC | U COMP M/SEC | V CORR M/SEC | POT T DEG K | E POT T DEG K | MR RTO CM/SEC | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|------------------|-----------|-------------|-----------|
| 0.0 | 0.5 | 359.0 | 967.0 | 15.0 | 13.9 | 270.0 | 3.1 | 3.1 | 0.0 | 292.3 | 319.3 | 3.4 | 93.0 | 0.0 | 0. |
| 00.9 | 00.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 00.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 10.3 | 510.1 | 950.0 | 15.9 | 13.6 | 280.5 | 8.0 | 7.6 | -2.6 | 294.7 | 322.0 | 10.4 | 85.9 | 0.2 | 95. |
| 1.2 | 11.6 | 735.8 | 925.0 | 14.4 | 12.6 | 305.2 | 7.3 | 5.7 | -4.6 | 295.3 | 321.7 | 10.0 | 89.1 | 0.5 | 127. |
| 1.9 | 14.1 | 962.2 | 900.0 | 12.7 | 12.1 | 325.7 | 6.4 | 4.7 | -6.9 | 295.9 | 322.0 | 9.9 | 96.1 | 0.9 | 121. |
| 2.7 | 16.2 | 1204.7 | 875.0 | 11.1 | 10.7 | 320.1 | 8.3 | 5.3 | -6.3 | 296.5 | 321.2 | 9.3 | 97.1 | 1.2 | 124. |
| 3.4 | 18.5 | 1446.8 | 850.0 | 9.6 | 9.1 | 309.2 | 7.6 | 5.9 | -4.9 | 297.3 | 320.3 | 8.6 | 96.9 | 1.6 | 110. |
| 4.3 | 20.6 | 1684.7 | 825.0 | 8.3 | 7.8 | 308.6 | 9.4 | 7.3 | -5.9 | 298.5 | 320.4 | 8.1 | 96.7 | 2.0 | 124. |
| 5.2 | 23.3 | 1748.0 | 800.0 | 6.3 | 5.2 | 287.2 | 7.9 | 7.0 | -3.6 | 298.7 | 317.8 | 7.8 | 92.8 | 2.5 | 120. |
| 6.1 | 25.3 | 2208.7 | 775.0 | 4.5 | 2.6 | 292.9 | 7.9 | 7.2 | -3.1 | 299.4 | 315.9 | 6.0 | 87.4 | 2.6 | 124. |
| 7.3 | 27.6 | 2475.5 | 750.0 | 3.1 | 1.6 | 291.4 | 7.1 | 6.6 | -2.6 | 300.6 | 316.6 | 5.7 | 89.8 | 3.3 | 124. |
| 7.9 | 30.1 | 2745.9 | 725.0 | 1.4 | 0.2 | 285.6 | 6.3 | 6.0 | -1.7 | 301.7 | 316.8 | 5.4 | 91.5 | 3.6 | 123. |
| 8.9 | 32.7 | 3032.4 | 700.0 | 0.3 | -0.4 | 271.6 | 8.5 | 8.5 | -0.2 | 303.5 | 316.6 | 5.3 | 95.2 | 4.0 | 121. |
| 9.9 | 35.3 | 3224.1 | 675.0 | -0.9 | -1.5 | 261.9 | 11.9 | 11.7 | 1.7 | 305.3 | 319.9 | 5.1 | 95.6 | 4.5 | 116. |
| 11.1 | 37.6 | 3425.2 | 650.0 | -2.3 | -2.6 | 253.9 | 14.9 | 14.3 | 4.1 | 307.0 | 320.9 | 4.8 | 96.1 | 5.3 | 117. |
| 12.1 | 40.5 | 3636.4 | 625.0 | -3.9 | -4.4 | 250.4 | 17.7 | 16.6 | 5.9 | 308.6 | 321.4 | 4.4 | 95.8 | 6.1 | 104. |
| 13.3 | 43.2 | 4258.1 | 600.0 | -5.6 | -6.2 | 253.3 | 19.9 | 18.1 | 5.4 | 310.1 | 322.0 | 4.0 | 95.6 | 7.2 | 92. |
| 14.5 | 46.1 | 4991.0 | 575.0 | -7.7 | -8.3 | 250.2 | 20.6 | 20.0 | 4.2 | 311.4 | 322.0 | 3.6 | 95.4 | 8.5 | 95. |
| 15.7 | 49.1 | 4936.6 | 550.0 | -9.4 | -10.0 | 243.6 | 21.7 | 21.5 | 2.3 | 313.3 | 323.1 | 3.2 | 95.1 | 10.1 | 92. |
| 17.0 | 51.9 | 5245.3 | 525.0 | -11.1 | -11.9 | 240.0 | 22.0 | 21.9 | 1.1 | 315.4 | 324.4 | 2.9 | 94.4 | 11.7 | 92. |
| 18.1 | 55.1 | 5660.6 | 500.0 | -13.5 | -14.3 | 250.9 | 21.9 | 21.3 | 5.1 | 316.8 | 324.7 | 2.5 | 93.6 | 13.4 | 91. |
| 19.7 | 58.1 | 6057.3 | 475.0 | -16.3 | -17.3 | 253.1 | 21.6 | 20.7 | 6.3 | 318.0 | 324.6 | 2.1 | 92.3 | 15.2 | 92. |
| 21.3 | 61.6 | 6425.9 | 450.0 | -19.2 | -20.3 | 252.5 | 22.2 | 21.2 | 5.9 | 319.1 | 324.7 | 1.7 | 90.9 | 17.2 | 97. |
| 22.4 | 65.1 | 6885.0 | 425.0 | -23.3 | -24.6 | 256.9 | 24.4 | 23.6 | 5.9 | 319.1 | 324.7 | 0.8 | 82.1 | 19.0 | 85. |
| 23.9 | 68.5 | 7324.5 | 400.0 | -26.3 | -27.7 | 262.9 | 25.5 | 25.3 | 3.2 | 320.8 | 324.6 | 0.5 | 44.4 | 21.0 | 85. |
| 25.5 | 72.1 | 7790.2 | 375.0 | -29.6 | -30.0 | 267.0 | 27.6 | 27.3 | 3.4 | 322.5 | 324.6 | 0.5 | 52.4 | 23.3 | 85. |
| 27.0 | 76.2 | 8278.0 | 350.0 | -33.5 | -34.0 | 263.5 | 29.5 | 29.3 | 3.4 | 323.5 | 324.7 | 0.3 | 52.4 | 26.0 | 85. |
| 28.6 | 80.3 | 8795.4 | 325.0 | -37.3 | -38.5 | 258.1 | 34.3 | 33.5 | 7.1 | 325.2 | 324.1 | 0.2 | 52.1 | 29.0 | 94. |
| 30.1 | 84.5 | 9343.3 | 300.0 | -41.5 | -42.9 | 252.4 | 35.5 | 33.9 | 10.7 | 326.9 | 324.9 | 99.9 | 99.9 | 32.1 | 84. |
| 31.9 | 88.0 | 9927.9 | 275.0 | -46.1 | -47.9 | 248.9 | 36.5 | 34.1 | 13.1 | 328.5 | 324.9 | 99.9 | 99.9 | 36.0 | 82. |
| 33.7 | 91.4 | 10544.3 | 250.0 | -51.4 | -52.9 | 246.6 | 35.7 | 32.8 | 14.2 | 329.6 | 324.9 | 99.9 | 99.9 | 39.7 | 81. |
| 35.6 | 95.0 | 11228.0 | 225.0 | -57.6 | -59.9 | 244.0 | 35.2 | 35.5 | 16.7 | 330.2 | 324.9 | 99.9 | 99.9 | 43.9 | 76. |
| 37.7 | 104.3 | 11961.1 | 200.0 | -64.3 | -66.3 | 240.2 | 38.5 | 35.7 | 14.3 | 331.0 | 324.9 | 99.9 | 99.9 | 48.7 | 79. |
| 40.3 | 110.4 | 12775.1 | 175.0 | -65.0 | -67.9 | 270.7 | 36.3 | 36.3 | -0.4 | 342.7 | 324.9 | 99.9 | 99.9 | 54.6 | 78. |
| 43.4 | 116.8 | 13721.6 | 150.0 | -60.9 | -63.9 | 276.2 | 25.1 | 25.1 | -0.1 | 345.2 | 324.9 | 99.9 | 99.9 | 60.3 | 76. |
| 47.6 | 126.7 | 14856.1 | 125.0 | -59.5 | -62.9 | 276.0 | 21.7 | 21.6 | -2.3 | 347.3 | 324.9 | 99.9 | 99.9 | 67.0 | 72. |
| 52.0 | 132.5 | 16251.2 | 100.0 | -59.2 | -62.9 | 278.0 | 13.5 | 13.4 | -1.9 | 413.5 | 324.9 | 99.9 | 99.9 | 72.9 | 62. |
| 54.5 | 141.3 | 18039.4 | 75.0 | -44.1 | -46.9 | 216.5 | 1.7 | 1.0 | 1.4 | 384.5 | 324.9 | 99.9 | 99.9 | 76.2 | 62. |
| 58.2 | 150.7 | 20531.1 | 50.0 | -60.3 | -63.9 | 242.1 | 3.3 | 2.9 | 1.8 | 501.5 | 324.9 | 99.9 | 99.9 | 77.9 | 93. |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY 5-SEC MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY 5-SEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 528
RUFFALO, N Y

24 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GFW | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 00.0 | 6.4 | 218.0 | 984.4 | 11.1 | 7.9 | 10.0 | 3.2 | -0.6 | -3.2 | 285.4 | 303.9 | 6.8 | 40.0 | 0.0 | 0 |
| 00.3 | 99.3 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.3 | 7.2 | 238.4 | 975.0 | 11.5 | 6.2 | 34.6 | 3.0 | 0.9 | -2.9 | 297.5 | 303.6 | 6.1 | 90.4 | 0.1 | 175 |
| 1.0 | 5.4 | 515.1 | 950.0 | 5.5 | 6.3 | 33.6 | 2.9 | 1.0 | -2.7 | 287.6 | 304.1 | 6.3 | 80.4 | 0.2 | 163 |
| 1.8 | 11.4 | 735.9 | 925.0 | 7.4 | 5.9 | 307.4 | 3.6 | 2.9 | -2.2 | 287.7 | 304.2 | 6.3 | 90.3 | 0.3 | 143 |
| 2.5 | 13.6 | 961.6 | 900.0 | 7.0 | 6.4 | 285.0 | 6.7 | 6.4 | -1.7 | 289.6 | 307.3 | 6.7 | 95.6 | 0.3 | 143 |
| 3.1 | 15.9 | 1193.5 | 875.0 | 7.6 | 0.1 | 290.7 | 8.2 | 7.6 | -2.9 | 292.2 | 304.3 | 4.4 | 59.5 | 0.4 | 127 |
| 4.0 | 18.1 | 1432.7 | 850.0 | 8.4 | -2.7 | 281.7 | 8.5 | 8.3 | -1.7 | 295.4 | 305.7 | 3.7 | 45.6 | 0.4 | 121 |
| 4.8 | 20.4 | 1679.4 | 825.0 | 7.7 | -0.8 | 288.4 | 8.8 | 8.7 | -2.8 | 297.3 | 309.5 | 4.4 | 54.9 | 0.4 | 117 |
| 5.6 | 22.9 | 1932.6 | 800.0 | 6.3 | 0.1 | 283.3 | 9.0 | 8.7 | -2.1 | 298.4 | 311.9 | 4.8 | 64.7 | 0.4 | 117 |
| 6.5 | 25.2 | 2192.8 | 775.0 | 5.3 | -1.0 | 285.1 | 11.0 | 10.7 | -2.9 | 300.1 | 313.0 | 4.6 | 63.8 | 0.4 | 113 |
| 7.4 | 27.6 | 2460.1 | 750.0 | 3.3 | -2.2 | 285.1 | 11.4 | 11.0 | -3.0 | 302.8 | 313.1 | 4.4 | 67.0 | 0.4 | 111 |
| 8.3 | 30.2 | 2734.5 | 725.0 | 2.1 | -8.0 | 289.9 | 10.0 | 9.7 | -2.6 | 302.1 | 310.7 | 2.9 | 48.1 | 0.3 | 110 |
| 9.1 | 32.3 | 3015.9 | 700.0 | 0.2 | -13.9 | 289.0 | 9.6 | 9.1 | -3.1 | 303.0 | 308.6 | 1.9 | 33.6 | 0.4 | 110 |
| 10.0 | 35.3 | 3377.4 | 675.0 | -1.9 | -18.4 | 291.5 | 10.5 | 9.8 | -3.8 | 305.6 | 307.3 | 1.9 | 37.6 | 0.7 | 110 |
| 10.9 | 38.1 | 3608.7 | 650.0 | -3.0 | -25.9 | 285.0 | 11.8 | 11.2 | -3.9 | 305.6 | 307.9 | 0.7 | 15.0 | 0.5 | 110 |
| 11.9 | 40.3 | 3915.2 | 625.0 | -4.2 | -34.1 | 275.2 | 12.3 | 12.1 | -2.0 | 307.7 | 306.8 | 0.3 | 7.7 | 0.6 | 110 |
| 12.0 | 42.3 | 4235.5 | 600.0 | -6.5 | -33.7 | 280.8 | 11.4 | 11.2 | -2.1 | 308.6 | 309.8 | 0.4 | 9.3 | 0.4 | 104 |
| 13.9 | 46.8 | 4567.4 | 575.0 | -8.9 | -34.9 | 282.6 | 12.9 | 12.5 | -3.0 | 308.6 | 310.8 | 0.3 | 10.0 | 0.3 | 107 |
| 14.9 | 49.9 | 4909.8 | 550.0 | -11.7 | -37.1 | 279.8 | 14.3 | 14.1 | -2.4 | 310.1 | 311.1 | 0.2 | 8.3 | 0.3 | 107 |
| 16.1 | 52.9 | 5265.3 | 525.0 | -13.5 | -40.2 | 277.6 | 14.9 | 14.8 | -2.0 | 312.2 | 311.0 | 0.2 | 7.4 | 0.4 | 107 |
| 17.3 | 56.0 | 5614.5 | 500.0 | -15.7 | -43.0 | 268.7 | 17.5 | 17.5 | 0.4 | 313.9 | 314.5 | 0.2 | 7.4 | 0.4 | 107 |
| 18.5 | 59.4 | 6020.3 | 475.0 | -18.0 | -32.5 | 263.7 | 18.4 | 18.3 | 2.0 | 315.7 | 317.4 | 0.5 | 26.8 | 0.5 | 103 |
| 20.0 | 63.0 | 6425.8 | 450.0 | -22.2 | -32.3 | 265.5 | 19.2 | 19.2 | 1.2 | 315.4 | 317.3 | 0.6 | 35.2 | 0.6 | 101 |
| 21.4 | 66.4 | 6840.3 | 425.0 | -23.5 | -27.1 | 255.4 | 21.3 | 20.7 | 5.0 | 314.9 | 322.2 | 1.0 | 72.3 | 1.0 | 9 |
| 22.7 | 70.1 | 7280.6 | 400.0 | -27.0 | -30.9 | 250.6 | 20.3 | 19.1 | 6.7 | 319.9 | 322.4 | 0.7 | 69.1 | 0.7 | 9 |
| 24.2 | 74.0 | 7743.3 | 375.0 | -29.8 | -31.8 | 250.8 | 23.6 | 22.3 | 7.8 | 325.2 | 324.6 | 0.7 | 82.8 | 0.7 | 9 |
| 25.6 | 78.2 | 8231.5 | 350.0 | -33.3 | -35.7 | 254.5 | 28.6 | 25.6 | 7.1 | 323.8 | 325.6 | 0.5 | 78.5 | 0.5 | 91 |
| 27.1 | 82.3 | 8747.7 | 325.0 | -37.7 | -39.9 | 261.4 | 28.4 | 28.1 | 4.2 | 324.6 | 325.9 | 0.5 | 99.9 | 0.5 | 91 |
| 29.1 | 86.7 | 9295.5 | 300.0 | -41.5 | -39.9 | 264.1 | 34.3 | 34.1 | 3.7 | 326.9 | 326.9 | 0.5 | 99.9 | 0.5 | 91 |
| 30.4 | 91.5 | 9890.3 | 275.0 | -46.1 | -39.9 | 254.9 | 43.2 | 43.0 | 5.8 | 328.4 | 328.4 | 0.5 | 99.9 | 0.5 | 91 |
| 33.0 | 95.4 | 10500.3 | 250.0 | -51.5 | -39.9 | 253.6 | 43.9 | 43.1 | 12.7 | 329.5 | 329.5 | 0.5 | 99.9 | 0.5 | 91 |
| 35.5 | 101.6 | 11191.8 | 225.0 | -57.2 | -39.9 | 250.5 | 47.2 | 44.5 | 15.7 | 330.9 | 329.9 | 0.5 | 99.9 | 0.5 | 91 |
| 38.0 | 107.5 | 11915.5 | 200.0 | -62.9 | -39.9 | 250.0 | 41.0 | 39.4 | 11.3 | 333.2 | 329.9 | 0.5 | 99.9 | 0.5 | 91 |
| 41.0 | 113.0 | 12736.3 | 175.0 | -64.1 | -39.9 | 250.3 | 33.0 | 32.5 | 6.1 | 340.2 | 329.9 | 0.5 | 99.9 | 0.5 | 91 |
| 44.3 | 120.7 | 13695.1 | 150.0 | -58.5 | -39.9 | 265.1 | 31.7 | 31.7 | 1.0 | 365.3 | 329.9 | 0.5 | 99.9 | 0.5 | 91 |
| 48.5 | 126.3 | 14845.6 | 125.0 | -54.9 | -39.9 | 275.4 | 24.8 | 28.7 | -2.7 | 395.6 | 329.9 | 0.5 | 99.9 | 0.5 | 91 |
| 53.5 | 136.3 | 16277.2 | 100.0 | -52.6 | -39.9 | 99.9 | 99.9 | 99.9 | 99.9 | 428.2 | 329.9 | 0.5 | 99.9 | 0.5 | 91 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 532
PEORIA, ILL

24 APRIL 1975
2315 GMT

159 140 0

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | A7 DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.6 | 205.0 | 989.5 | 11.7 | 6.9 | 70.0 | 4.6 | -4.3 | -1.6 | 286.7 | 305.4 | 7.3 | 83.0 | 0.3 | C. |
| 00.3 | 99.9 | 59.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 99.9 |
| 0.3 | 6.6 | 321.6 | 975.0 | 10.7 | 8.0 | 75.9 | 5.7 | -5.6 | -1.4 | 286.9 | 306.0 | 7.0 | 88.5 | 0.2 | 257. |
| 1.1 | 8.7 | 535.8 | 950.0 | 6.7 | 8.4 | 82.5 | 6.5 | -4.5 | -0.1 | 287.0 | 305.9 | 7.3 | 97.9 | 0.4 | 259. |
| 1.4 | 10.7 | 761.8 | 925.0 | 10.2 | 10.2 | 94.8 | 2.9 | -2.9 | 0.2 | 290.9 | 313.0 | 8.5 | 99.6 | 0.5 | 265. |
| 2.4 | 12.6 | 989.9 | 900.0 | 9.1 | 9.1 | 86.7 | 1.2 | -1.2 | -0.1 | 292.0 | 313.2 | 8.1 | 99.4 | 0.5 | 265. |
| 3.1 | 15.0 | 1224.1 | 875.0 | 9.0 | 6.7 | 247.3 | 0.3 | 0.3 | 0.1 | 294.1 | 313.0 | 7.1 | 85.4 | 0.6 | 267. |
| 3.9 | 17.1 | 1464.9 | 850.0 | 10.4 | -25.4 | 314.6 | 2.3 | 1.7 | -1.6 | 297.1 | 303.3 | 1.1 | 11.4 | 0.5 | 267. |
| 4.7 | 19.4 | 1711.2 | 825.0 | 10.6 | -18.2 | 297.4 | 3.2 | 2.9 | -1.5 | 299.9 | 303.6 | 1.7 | 15.5 | 0.4 | 267. |
| 5.3 | 21.5 | 1964.3 | 800.0 | 8.6 | -16.2 | 303.5 | 2.8 | 2.3 | -1.5 | 300.5 | 305.7 | 1.3 | 22.4 | 0.4 | 267. |
| 6.1 | 23.8 | 2230.4 | 775.0 | 6.2 | -13.8 | 297.0 | 1.9 | 3.4 | -1.8 | 301.6 | 305.7 | 1.6 | 23.4 | 0.4 | 267. |
| 6.8 | 26.0 | 2456.9 | 750.0 | 4.4 | -14.6 | 298.9 | 5.2 | 4.9 | -1.7 | 301.6 | 305.7 | 1.6 | 23.4 | 0.4 | 267. |
| 7.7 | 28.5 | 2772.0 | 725.0 | 2.8 | -16.0 | 283.0 | 7.5 | 7.4 | -1.7 | 302.8 | 307.4 | 1.5 | 23.5 | 0.5 | 151. |
| 8.4 | 31.3 | 3054.9 | 700.0 | 1.7 | -16.9 | 278.2 | 7.8 | 7.8 | -1.1 | 302.8 | 309.1 | 1.5 | 23.5 | 0.9 | 131. |
| 9.4 | 33.7 | 3346.8 | 675.0 | -0.7 | -18.3 | 265.5 | 7.4 | 7.4 | 0.6 | 305.0 | 309.2 | 1.3 | 24.9 | 1.2 | 114. |
| 10.3 | 36.1 | 3646.6 | 650.0 | -3.2 | -18.1 | 255.3 | 6.4 | 6.1 | 2.0 | 305.7 | 312.7 | 1.6 | 41.5 | 1.4 | 104. |
| 11.1 | 38.8 | 3955.4 | 625.0 | -6.0 | -17.0 | 252.3 | 10.3 | 9.8 | 3.1 | 305.7 | 312.7 | 2.0 | 57.7 | 2.5 | 94. |
| 12.0 | 41.2 | 4273.6 | 600.0 | -8.2 | -15.0 | 260.3 | 14.1 | 13.9 | 2.4 | 306.9 | 312.9 | 2.0 | 71.4 | 3.4 | 74. |
| 12.9 | 44.1 | 4603.2 | 575.0 | -9.3 | -27.3 | 265.7 | 20.0 | 20.0 | 0.1 | 308.2 | 311.5 | 0.7 | 21.4 | 3.4 | 74. |
| 14.0 | 46.9 | 4945.9 | 550.0 | -11.8 | -26.1 | 272.7 | 22.7 | 22.6 | -1.1 | 310.2 | 312.8 | 0.8 | 29.1 | 4.9 | 94. |
| 15.1 | 50.0 | 5259.8 | 525.0 | -14.9 | -25.2 | 273.0 | 21.3 | 21.3 | -1.1 | 310.6 | 313.6 | 0.9 | 40.9 | 6.4 | 94. |
| 16.1 | 52.9 | 5607.7 | 500.0 | -16.9 | -27.6 | 269.1 | 19.5 | 19.5 | 0.7 | 312.5 | 315.1 | 0.8 | 38.8 | 7.6 | 42. |
| 17.3 | 55.9 | 6051.1 | 475.0 | -19.4 | -35.5 | 263.1 | 19.3 | 19.1 | 2.3 | 313.9 | 315.2 | 0.4 | 22.5 | 8.2 | 31. |
| 18.6 | 58.3 | 6451.0 | 450.0 | -21.8 | -50.0 | 265.3 | 21.5 | 21.4 | 1.8 | 315.8 | 316.1 | 0.1 | 5.7 | 10.5 | 44. |
| 19.9 | 62.5 | 6864.2 | 425.0 | -25.9 | -38.9 | 268.9 | 23.1 | 23.1 | 0.5 | 315.8 | 316.9 | 0.3 | 29.6 | 12.3 | 44. |
| 21.4 | 65.9 | 7305.0 | 400.0 | -28.8 | -49.2 | 268.4 | 24.6 | 24.6 | 0.7 | 317.5 | 317.9 | 0.1 | 12.3 | 14.4 | 44. |
| 22.9 | 69.4 | 7743.6 | 375.0 | -32.7 | -52.5 | 269.6 | 26.5 | 26.5 | 0.2 | 318.3 | 318.6 | 0.1 | 11.9 | 16.4 | 44. |
| 24.4 | 73.0 | 8246.1 | 350.0 | -36.1 | -73.2 | 274.1 | 33.3 | 33.2 | -0.4 | 320.0 | 320.1 | 0.0 | 1.0 | 19.1 | 44. |
| 26.1 | 77.1 | 8757.6 | 325.0 | -39.2 | 99.3 | 272.1 | 37.8 | 37.8 | -1.4 | 322.7 | 999.9 | 99.9 | 999.9 | 23.3 | 41. |
| 27.8 | 81.2 | 9307.6 | 300.0 | -44.3 | 99.9 | 266.5 | 39.9 | 39.9 | 2.5 | 323.0 | 999.9 | 99.9 | 999.9 | 26.4 | 44. |
| 29.5 | 85.4 | 9876.1 | 275.0 | -49.0 | 99.9 | 263.7 | 45.3 | 45.1 | 5.0 | 325.2 | 999.9 | 99.9 | 999.9 | 31.2 | 44. |
| 31.5 | 90.0 | 10496.0 | 250.0 | -54.4 | 99.9 | 263.0 | 48.1 | 47.8 | 5.9 | 325.2 | 999.9 | 99.9 | 999.9 | 36.7 | 44. |
| 33.9 | 95.0 | 11164.1 | 225.0 | -58.7 | 99.9 | 264.6 | 51.4 | 51.2 | 4.8 | 326.6 | 999.9 | 99.9 | 999.9 | 44.3 | 47. |
| 36.6 | 100.2 | 11901.5 | 200.0 | -60.5 | 99.9 | 270.0 | 40.2 | 40.2 | -0.0 | 336.9 | 999.9 | 99.9 | 999.9 | 51.4 | 47. |
| 39.7 | 106.0 | 12729.4 | 175.0 | -58.8 | 99.9 | 253.7 | 41.6 | 39.9 | 11.7 | 352.8 | 999.9 | 99.9 | 999.9 | 57.8 | 47. |
| 42.9 | 112.3 | 13700.0 | 150.0 | -58.9 | 99.9 | 262.3 | 24.1 | 23.9 | 3.2 | 368.6 | 999.9 | 99.9 | 999.9 | 63.5 | 47. |
| 47.1 | 119.5 | 14643.4 | 125.0 | -59.5 | 99.9 | 263.1 | 29.6 | 29.6 | 3.6 | 367.3 | 999.9 | 99.9 | 999.9 | 70.5 | 47. |
| 52.1 | 127.7 | 16246.1 | 100.0 | -59.4 | 99.9 | 271.1 | 23.9 | 23.9 | -0.5 | 413.0 | 999.9 | 99.9 | 999.9 | 79.9 | 47. |
| 58.5 | 137.0 | 18049.4 | 75.0 | -62.2 | 99.9 | 279.3 | 15.5 | 15.3 | -2.5 | 442.6 | 999.9 | 99.9 | 999.9 | 84.0 | 47. |
| 67.1 | 147.0 | 23590.8 | 50.0 | -59.5 | 99.9 | 45.3 | 0.7 | -0.5 | -0.5 | 503.3 | 999.9 | 99.9 | 999.9 | 86.7 | 47. |
| 80.5 | 148.0 | 25016.7 | 25.0 | -53.0 | 99.9 | 93.5 | 9.4 | -5.4 | 0.3 | 632.3 | 999.9 | 99.9 | 999.9 | 87.5 | 47. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 543
OPAMA, NEB

24 APRIL 1975
2314 GMT

| TIME MIN | CNTCT | HEIGHT GEN | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD CM/KG | MH PCT | RANGE KM | 13. 9 |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-------|
| 0.0 | 7.1 | 400.0 | 963.7 | 16.6 | 13.1 | 90.0 | 4.2 | -4.2 | 0.0 | 294.2 | 320.2 | 9.9 | 80.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 50.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 8.2 | 522.0 | 950.0 | 15.5 | 11.7 | 87.7 | 5.3 | -5.3 | -0.2 | 294.1 | 319.2 | 9.2 | 78.4 | 0.2 | 0.2 |
| 1.5 | 10.1 | 747.8 | 925.0 | 13.2 | 10.7 | 94.5 | 6.0 | -5.9 | 0.9 | 294.0 | 317.1 | 8.8 | 84.9 | 0.5 | 0.5 |
| 2.3 | 11.8 | 678.2 | 900.0 | 11.2 | 9.9 | 97.2 | 4.5 | -3.7 | -2.4 | 294.2 | 316.9 | 8.6 | 91.5 | 0.2 | 0.2 |
| 3.3 | 12.9 | 1214.1 | 875.0 | 13.1 | 2.7 | 355.7 | 6.9 | 0.5 | -6.9 | 298.1 | 312.9 | 5.4 | 49.7 | 1.0 | 1.0 |
| 4.2 | 15.9 | 1457.8 | 850.0 | 12.6 | 0.0 | 312.7 | 5.4 | 4.0 | -3.7 | 300.0 | 313.5 | 4.8 | 44.7 | 1.0 | 1.0 |
| 5.2 | 17.9 | 1767.8 | 825.0 | 11.3 | -0.9 | 240.4 | 5.0 | 4.9 | -0.9 | 301.1 | 313.4 | 4.4 | 42.9 | 0.7 | 0.7 |
| 6.1 | 20.1 | 1964.2 | 800.0 | 10.0 | -2.6 | 259.3 | 6.1 | 6.0 | 1.1 | 302.3 | 313.6 | 3.9 | 41.0 | 0.7 | 0.7 |
| 7.2 | 22.1 | 2227.0 | 775.0 | 7.8 | -6.5 | 249.4 | 8.5 | 8.0 | 3.0 | 302.6 | 311.5 | 3.0 | 35.2 | 0.7 | 0.7 |
| 8.2 | 24.3 | 2496.5 | 750.0 | 5.7 | -7.8 | 234.6 | 8.5 | 6.9 | 4.9 | 303.2 | 311.5 | 2.8 | 37.1 | 0.7 | 0.7 |
| 9.3 | 26.5 | 2772.9 | 725.0 | 3.6 | -8.1 | 220.5 | 9.7 | 6.3 | 7.4 | 303.7 | 312.2 | 2.9 | 42.4 | 1.2 | 1.2 |
| 10.3 | 28.7 | 3056.8 | 700.0 | 1.4 | -7.8 | 221.7 | 11.5 | 7.7 | 8.6 | 304.5 | 313.4 | 3.0 | 50.2 | 1.5 | 1.5 |
| 11.3 | 31.2 | 3348.2 | 675.0 | -1.4 | -9.2 | 230.0 | 12.5 | 9.6 | 8.0 | 304.5 | 312.8 | 2.8 | 55.2 | 2.1 | 2.1 |
| 12.4 | 33.7 | 3647.7 | 650.0 | -4.2 | -10.5 | 228.4 | 12.6 | 10.7 | 6.6 | 304.6 | 312.4 | 2.6 | 61.0 | 3.1 | 3.1 |
| 13.5 | 36.1 | 3955.5 | 625.0 | -6.7 | -11.6 | 243.7 | 12.5 | 11.2 | 5.5 | 305.1 | 312.6 | 2.5 | 68.3 | 4.0 | 4.0 |
| 14.6 | 38.6 | 4273.7 | 600.0 | -8.5 | -10.7 | 246.5 | 12.8 | 11.7 | 5.1 | 306.6 | 315.0 | 2.8 | 84.0 | 4.9 | 4.9 |
| 15.8 | 41.2 | 4602.5 | 575.0 | -10.7 | -14.7 | 256.8 | 12.7 | 12.3 | 2.9 | 307.7 | 314.1 | 2.1 | 71.0 | 5.7 | 5.7 |
| 16.9 | 44.0 | 4943.0 | 550.0 | -13.3 | -17.1 | 266.5 | 13.8 | 13.8 | 0.8 | 308.5 | 314.1 | 1.8 | 72.5 | 6.0 | 6.0 |
| 18.3 | 46.9 | 5296.7 | 525.0 | -14.3 | -36.3 | 276.4 | 18.7 | 18.6 | -2.1 | 311.2 | 312.4 | 0.3 | 13.4 | 9.4 | 9.4 |
| 19.7 | 49.3 | 5664.8 | 500.0 | -16.9 | -37.2 | 278.4 | 22.0 | 21.8 | -3.2 | 312.4 | 313.5 | 0.3 | 15.1 | 11.1 | 11.1 |
| 21.3 | 52.9 | 6047.4 | 475.0 | -20.1 | -39.4 | 276.1 | 21.5 | 21.4 | -2.3 | 313.0 | 314.0 | 0.3 | 15.9 | 11.1 | 11.1 |
| 22.7 | 55.8 | 6445.0 | 450.0 | -23.9 | -43.1 | 273.0 | 20.7 | 20.7 | -1.1 | 313.0 | 313.8 | 0.2 | 15.0 | 13.1 | 13.1 |
| 24.2 | 58.1 | 6850.1 | 425.0 | -27.6 | -46.2 | 274.3 | 19.9 | 19.8 | -1.5 | 313.5 | 314.0 | 0.1 | 14.9 | 14.8 | 14.8 |
| 25.7 | 62.6 | 7291.5 | 400.0 | -31.7 | -49.5 | 269.6 | 20.7 | 20.7 | 0.1 | 313.7 | 314.2 | 0.1 | 16.9 | 16.6 | 16.6 |
| 27.3 | 66.0 | 7743.7 | 375.0 | -35.5 | -51.5 | 264.8 | 21.7 | 21.6 | 2.2 | 314.5 | 314.8 | 0.1 | 17.4 | 18.4 | 18.4 |
| 29.0 | 69.9 | 8221.0 | 350.0 | -36.8 | -47.8 | 251.7 | 23.7 | 22.5 | 7.4 | 316.3 | 316.8 | 0.1 | 38.3 | 21.2 | 21.2 |
| 30.9 | 73.7 | 8725.2 | 325.0 | -43.1 | 99.7 | 242.5 | 23.9 | 21.2 | 11.0 | 317.3 | 319.9 | 99.9 | 99.9 | 23.7 | 23.7 |
| 32.9 | 78.0 | 9259.7 | 300.0 | -47.4 | 99.7 | 238.2 | 26.4 | 22.4 | 13.7 | 318.6 | 319.9 | 99.9 | 99.9 | 24.7 | 24.7 |
| 34.8 | 82.2 | 9828.4 | 275.0 | -52.6 | 99.9 | 240.0 | 28.2 | 24.4 | 18.1 | 319.0 | 319.9 | 99.9 | 99.9 | 26.6 | 26.6 |
| 37.0 | 86.8 | 10440.0 | 250.0 | -53.9 | 99.9 | 251.6 | 39.4 | 37.4 | 12.4 | 325.9 | 325.9 | 99.9 | 99.9 | 33.9 | 33.9 |
| 39.6 | 91.8 | 11117.4 | 225.0 | -53.4 | 99.9 | 256.9 | 38.5 | 37.5 | 8.7 | 336.7 | 336.7 | 99.9 | 99.9 | 40.2 | 40.2 |
| 42.4 | 97.2 | 11871.6 | 200.0 | -55.2 | 99.9 | 260.1 | 35.7 | 35.2 | 6.1 | 345.3 | 345.3 | 99.9 | 99.9 | 44.4 | 44.4 |
| 45.3 | 103.0 | 12719.2 | 175.0 | -58.3 | 99.9 | 253.7 | 33.6 | 32.3 | 9.5 | 353.8 | 353.8 | 99.9 | 99.9 | 51.7 | 51.7 |
| 49.0 | 110.0 | 13697.0 | 150.0 | -56.9 | 99.9 | 248.4 | 30.0 | 27.9 | 11.0 | 372.0 | 372.0 | 99.9 | 99.9 | 59.1 | 59.1 |
| 53.1 | 117.3 | 14851.9 | 125.0 | -55.7 | 99.9 | 241.6 | 34.4 | 34.0 | 5.0 | 394.2 | 394.2 | 99.9 | 99.9 | 66.7 | 66.7 |
| 58.1 | 125.7 | 16273.2 | 100.0 | -56.3 | 99.9 | 250.4 | 21.4 | 20.1 | 7.2 | 419.0 | 419.0 | 99.9 | 99.9 | 75.0 | 75.0 |
| 64.8 | 138.3 | 18095.9 | 75.0 | -56.8 | 99.9 | 252.7 | 19.8 | 18.9 | 5.9 | 453.6 | 453.6 | 99.9 | 99.9 | 83.9 | 83.9 |
| 73.3 | 144.7 | 23668.1 | 50.0 | -55.5 | 99.9 | 269.2 | 3.0 | 3.0 | 0.0 | 512.9 | 512.9 | 99.9 | 99.9 | 90.2 | 90.2 |
| 87.1 | 154.3 | 25155.2 | 25.0 | -50.1 | 99.9 | 63.0 | 3.6 | -3.2 | -1.6 | 641.0 | 641.0 | 99.9 | 99.9 | 87.5 | 87.5 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE 10
OF POOR QUALITY

STATION NO. 562
NORTH PLATTE, NEB
24 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 13.9 | 847.0 | 913.3 | 22.2 | -3.2 | 320.0 | 7.7 | 4.9 | -5.9 | 303.6 | 313.2 | 3.3 | 18.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 15.3 | 973.9 | 906.0 | 21.3 | -7.2 | 595.9 | 99.9 | 99.9 | 99.9 | 303.8 | 311.1 | 2.5 | 14.0 | 99.9 | 99.9 |
| 1.2 | 17.2 | 1216.2 | 875.0 | 18.6 | -9.1 | 999.9 | 99.9 | 99.9 | 99.9 | 303.5 | 310.0 | 2.2 | 14.2 | 99.9 | 99.9 |
| 1.9 | 15.7 | 1463.1 | 850.0 | 16.0 | -10.9 | 278.0 | 7.7 | 7.7 | -0.7 | 303.2 | 309.5 | 2.1 | 15.9 | 3.8 | 35. |
| 2.5 | 21.9 | 1715.1 | 825.0 | 13.5 | -10.9 | 278.6 | 7.3 | 7.3 | -1.0 | 303.1 | 307.1 | 2.0 | 17.2 | 10.1 | 97. |
| 3.1 | 24.4 | 1972.8 | 800.0 | 11.1 | -11.0 | 278.2 | 6.8 | 6.8 | -1.0 | 303.2 | 309.4 | 2.1 | 19.9 | 1.4 | 96. |
| 3.7 | 26.7 | 2236.4 | 775.0 | 8.8 | -11.5 | 273.6 | 6.0 | 6.0 | -1.0 | 303.5 | 309.6 | 2.1 | 22.5 | 1.6 | 97. |
| 4.5 | 29.3 | 2506.2 | 750.0 | 5.9 | -12.5 | 270.4 | 6.9 | 6.9 | -0.1 | 303.3 | 309.1 | 1.9 | 25.1 | 1.9 | 97. |
| 5.5 | 32.0 | 2782.1 | 725.0 | 3.2 | -12.1 | 271.6 | 7.2 | 7.2 | -0.2 | 303.2 | 309.4 | 2.1 | 31.4 | 2.3 | 95. |
| 6.3 | 34.7 | 3065.0 | 700.0 | 0.2 | -12.5 | 278.7 | 7.7 | 7.7 | -0.9 | 303.0 | 309.2 | 2.1 | 37.9 | 2.7 | 95. |
| 7.4 | 37.2 | 3355.1 | 675.0 | -2.5 | -12.6 | 279.0 | 9.1 | 9.0 | -1.4 | 303.1 | 309.5 | 2.1 | 45.4 | 3.2 | 96. |
| 8.4 | 40.0 | 3653.6 | 650.0 | -4.8 | -12.8 | 273.9 | 13.8 | 13.8 | -0.9 | 303.2 | 308.3 | 0.8 | 16.0 | 3.9 | 96. |
| 9.5 | 42.6 | 3954.3 | 625.0 | -7.3 | -13.3 | 271.5 | 14.0 | 14.9 | -0.9 | 303.2 | 309.1 | 0.3 | 5.8 | 4.9 | 96. |
| 10.7 | 45.4 | 4285.1 | 600.0 | -9.3 | -13.8 | 280.6 | 13.7 | 13.5 | -2.5 | 308.9 | 309.7 | 0.2 | 6.1 | 5.9 | 95. |
| 11.9 | 48.4 | 4616.2 | 575.0 | -11.6 | -14.0 | 285.9 | 13.4 | 12.9 | -3.7 | 309.9 | 310.8 | 0.3 | 8.1 | 6.9 | 97. |
| 13.3 | 51.1 | 4958.7 | 550.0 | -14.6 | -14.0 | 286.7 | 14.0 | 13.4 | -4.0 | 310.3 | 311.1 | 0.2 | 7.4 | 8.0 | 97. |
| 14.8 | 54.3 | 5313.1 | 525.0 | -17.5 | -14.6 | 283.0 | 14.5 | 14.5 | -3.4 | 310.9 | 312.0 | 0.3 | 13.5 | 9.3 | 99. |
| 16.2 | 57.3 | 5690.5 | 500.0 | -17.5 | -17.1 | 287.1 | 15.9 | 15.2 | -4.7 | 311.7 | 312.7 | 0.3 | 16.2 | 10.5 | 100. |
| 17.5 | 60.6 | 6062.4 | 475.0 | -20.5 | -18.9 | 288.7 | 17.2 | 16.3 | -5.5 | 312.6 | 313.6 | 0.3 | 17.2 | 11.9 | 101. |
| 18.9 | 64.0 | 6459.7 | 450.0 | -24.3 | -20.3 | 287.3 | 17.7 | 16.9 | -5.3 | 312.7 | 313.4 | 0.2 | 16.8 | 13.3 | 101. |
| 20.5 | 67.3 | 6873.5 | 425.0 | -27.6 | -23.6 | 292.2 | 18.5 | 17.1 | -7.0 | 313.6 | 314.2 | 0.1 | 16.0 | 15.1 | 102. |
| 22.2 | 70.7 | 7306.2 | 400.0 | -31.6 | -25.8 | 297.8 | 18.9 | 16.7 | -8.8 | 313.9 | 314.3 | 0.1 | 17.0 | 17.0 | 104. |
| 24.0 | 74.5 | 7758.7 | 375.0 | -35.9 | -31.9 | 297.1 | 18.0 | 16.5 | -8.4 | 314.0 | 314.3 | 0.1 | 17.4 | 19.0 | 105. |
| 25.8 | 78.3 | 8234.1 | 350.0 | -39.9 | -36.9 | 291.1 | 19.7 | 17.9 | -6.9 | 314.9 | 314.9 | 99.9 | 99.9 | 20.9 | 106. |
| 27.6 | 82.3 | 8735.8 | 325.0 | -44.4 | -41.9 | 289.3 | 17.1 | 16.1 | -5.7 | 315.5 | 315.5 | 99.9 | 99.9 | 22.9 | 107. |
| 29.6 | 86.2 | 9267.8 | 300.0 | -48.0 | -45.9 | 294.6 | 16.7 | 15.2 | -7.0 | 317.7 | 317.7 | 99.9 | 99.9 | 24.9 | 107. |
| 31.8 | 90.7 | 9835.5 | 275.0 | -52.2 | -49.9 | 296.0 | 12.7 | 12.0 | -3.9 | 319.6 | 319.6 | 99.9 | 99.9 | 26.8 | 108. |
| 34.1 | 95.1 | 10447.7 | 250.0 | -56.2 | -53.9 | 292.4 | 20.4 | 19.9 | -4.4 | 324.1 | 324.1 | 99.9 | 99.9 | 29.1 | 107. |
| 36.5 | 100.0 | 11118.4 | 225.0 | -59.6 | -56.9 | 278.9 | 19.7 | 19.5 | -3.0 | 334.9 | 334.9 | 99.9 | 99.9 | 31.7 | 107. |
| 39.4 | 105.2 | 11870.7 | 200.0 | -55.0 | -59.9 | 264.5 | 19.9 | 19.8 | 1.9 | 345.6 | 345.6 | 99.9 | 99.9 | 35.1 | 107. |
| 42.4 | 110.8 | 12720.6 | 175.0 | -54.9 | -59.9 | 272.7 | 19.8 | 19.8 | -0.9 | 359.2 | 359.2 | 99.9 | 99.9 | 39.8 | 108. |
| 45.9 | 116.9 | 13704.0 | 150.0 | -53.0 | -59.9 | 276.5 | 21.2 | 21.0 | -2.4 | 375.3 | 375.3 | 99.9 | 99.9 | 43.3 | 102. |
| 49.8 | 123.9 | 14857.1 | 125.0 | -50.3 | -59.9 | 259.1 | 19.7 | 19.7 | 3.8 | 387.7 | 387.7 | 99.9 | 99.9 | 47.4 | 100. |
| 55.0 | 131.0 | 16263.3 | 100.0 | -56.5 | -59.9 | 270.6 | 21.5 | 21.5 | -0.3 | 418.6 | 418.6 | 99.9 | 99.9 | 51.2 | 98. |
| 61.6 | 136.3 | 18081.1 | 75.0 | -57.5 | -59.9 | 245.6 | 15.4 | 14.0 | 6.4 | 452.4 | 452.4 | 99.9 | 99.9 | 59.4 | 98. |
| 70.6 | 147.0 | 20665.8 | 50.0 | -56.2 | -59.9 | 312.4 | 6.6 | 4.9 | -4.4 | 511.1 | 511.1 | 99.9 | 99.9 | 66.7 | 95. |
| 83.9 | 155.3 | 25104.6 | 25.0 | -50.0 | -59.9 | 323.5 | 3.2 | 1.9 | -2.5 | 641.4 | 641.4 | 99.9 | 99.9 | 69.8 | 96. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 606
PORTLAND, ME24 APRIL 1975
2115 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RM PC | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|----------|-------------|----------|
| 0.0 | 5.7 | 20.0 | 1308.2 | 6.7 | 6.3 | 340.0 | 3.1 | 1.1 | -2.9 | 280.0 | 295.0 | 5.9 | 97.0 | 0.0 | 0 |
| 0.2 | 6.3 | 87.3 | 1000.0 | 6.6 | 6.1 | 13.1 | 4.2 | -0.5 | -2.1 | 280.5 | 295.6 | 5.9 | 97.1 | 0.1 | 130 |
| 0.4 | 8.5 | 294.8 | 975.0 | 5.0 | 5.0 | 324.8 | 2.1 | 1.2 | -1.7 | 280.9 | 295.4 | 5.6 | 101.3 | 0.2 | 151 |
| 1.0 | 10.6 | 507.7 | 950.0 | 6.4 | 6.4 | 254.7 | 6.5 | 6.3 | 1.7 | 284.6 | 301.0 | 6.4 | 101.6 | 0.3 | 110 |
| 2.5 | 12.9 | 728.2 | 925.0 | 9.0 | 9.0 | 240.8 | 12.9 | 11.2 | 6.3 | 289.6 | 310.0 | 7.9 | 101.9 | 0.7 | 87 |
| 3.3 | 15.2 | 956.0 | 900.0 | 9.5 | 9.5 | 246.6 | 11.7 | 10.7 | 4.6 | 292.4 | 314.3 | 8.3 | 101.6 | 1.3 | 74 |
| 3.9 | 17.4 | 1199.6 | 875.0 | 8.2 | 4.4 | 254.2 | 12.1 | 11.7 | 3.3 | 293.1 | 309.2 | 6.0 | 76.6 | 1.7 | 74 |
| 4.3 | 19.3 | 1420.7 | 850.0 | 8.5 | 3.7 | 258.1 | 12.0 | 11.7 | 2.5 | 295.9 | 311.9 | 5.9 | 71.5 | 2.3 | 75 |
| 5.5 | 22.1 | 1676.2 | 825.0 | 6.8 | 2.3 | 261.6 | 11.8 | 11.7 | 1.7 | 296.5 | 311.6 | 5.5 | 72.9 | 2.7 | 77 |
| 6.4 | 24.6 | 1928.9 | 800.0 | 5.5 | 2.0 | 265.0 | 10.5 | 10.4 | 0.9 | 297.8 | 313.0 | 5.5 | 77.8 | 3.4 | 77 |
| 7.7 | 26.5 | 2188.4 | 775.0 | 4.5 | 0.4 | 272.7 | 9.1 | 9.1 | -0.4 | 299.3 | 313.5 | 5.1 | 74.4 | 3.9 | 75 |
| 8.0 | 28.5 | 2455.1 | 750.0 | 2.5 | 0.9 | 283.0 | 9.0 | 8.9 | -2.0 | 300.0 | 315.2 | 5.5 | 69.2 | 4.3 | 80 |
| 8.9 | 32.1 | 2728.6 | 725.0 | 0.3 | -0.2 | 286.8 | 9.4 | 9.0 | -2.7 | 300.5 | 315.1 | 5.2 | 66.3 | 4.9 | 81 |
| 10.0 | 34.3 | 3095.5 | 700.0 | -1.7 | -2.3 | 289.2 | 9.5 | 9.2 | -2.5 | 301.2 | 314.3 | 4.6 | 64.0 | 5.3 | 80 |
| 11.0 | 37.3 | 3299.0 | 675.0 | -3.1 | -3.2 | 291.7 | 10.0 | 9.8 | -2.0 | 302.8 | 315.5 | 4.5 | 98.6 | 5.7 | 80 |
| 12.0 | 40.2 | 3556.6 | 650.0 | -5.4 | -14.1 | 278.5 | 11.2 | 11.0 | -1.6 | 303.1 | 309.3 | 2.1 | 53.1 | 6.5 | 94 |
| 13.1 | 42.9 | 3903.9 | 625.0 | -6.2 | -19.6 | 284.9 | 12.2 | 11.8 | -3.1 | 305.5 | 309.5 | 1.3 | 33.7 | 7.2 | 90 |
| 14.1 | 45.4 | 4222.1 | 600.0 | -8.5 | -13.0 | 283.1 | 13.9 | 13.6 | -3.2 | 306.5 | 313.6 | 2.3 | 70.0 | 8.0 | 82 |
| 15.1 | 48.3 | 4551.0 | 575.0 | -10.8 | -13.7 | 275.6 | 13.6 | 13.5 | -1.3 | 307.6 | 314.6 | 2.3 | 79.0 | 8.9 | 82 |
| 16.2 | 51.6 | 4851.9 | 550.0 | -12.4 | -14.4 | 262.4 | 13.1 | 13.0 | 1.7 | 309.6 | 316.6 | 2.3 | 84.6 | 9.7 | 92 |
| 17.6 | 54.9 | 5246.5 | 525.0 | -14.2 | -16.6 | 264.5 | 17.0 | 16.9 | 1.6 | 311.6 | 317.8 | 2.0 | 81.9 | 13.9 | 91 |
| 18.9 | 57.9 | 5614.8 | 500.0 | -17.0 | -20.0 | 272.0 | 22.8 | 22.8 | -0.8 | 312.4 | 317.4 | 1.6 | 177.2 | 12.4 | 92 |
| 20.2 | 61.3 | 5937.9 | 475.0 | -20.0 | -22.1 | 277.8 | 19.0 | 18.8 | -2.6 | 313.3 | 317.7 | 1.4 | 83.2 | 14.2 | 91 |
| 21.8 | 64.7 | 6320.6 | 450.0 | -23.2 | -30.2 | 272.7 | 21.0 | 21.0 | -1.0 | 314.1 | 316.4 | 0.7 | 52.5 | 15.9 | 94 |
| 23.2 | 68.0 | 6813.1 | 425.0 | -25.3 | -60.1 | 277.9 | 25.1 | 24.8 | -3.4 | 316.5 | 316.6 | 0.0 | 1.0 | 17.9 | 92 |
| 24.9 | 71.4 | 7231.4 | 400.0 | -27.6 | -67.6 | 277.6 | 32.3 | 32.0 | -4.2 | 319.0 | 319.0 | 0.0 | 1.0 | 32.3 | 91 |
| 25.3 | 75.3 | 7711.9 | 375.0 | -31.2 | -69.9 | 272.8 | 35.3 | 35.2 | -1.7 | 320.2 | 320.3 | 0.0 | 1.0 | 20.8 | 91 |
| 26.2 | 79.3 | 8159.0 | 350.0 | -34.1 | -71.9 | 271.3 | 38.0 | 38.0 | -0.9 | 322.7 | 322.7 | 0.0 | 1.0 | 27.9 | 91 |
| 27.2 | 83.2 | 8712.9 | 325.0 | -37.7 | -74.3 | 281.1 | 39.2 | 38.5 | -7.5 | 324.6 | 324.6 | 0.0 | 1.0 | 32.3 | 91 |
| 32.2 | 87.3 | 9288.8 | 300.0 | -43.0 | -99.9 | 283.8 | 39.2 | 38.0 | -9.4 | 324.6 | 324.6 | 0.0 | 1.0 | 32.3 | 91 |
| 34.1 | 92.3 | 9838.6 | 275.0 | -48.0 | -99.9 | 285.5 | 44.3 | 42.6 | -12.1 | 325.6 | 325.6 | 0.0 | 1.0 | 32.3 | 91 |
| 36.4 | 96.5 | 10451.3 | 250.0 | -52.7 | -99.9 | 284.5 | 51.2 | 49.5 | -12.9 | 327.7 | 327.7 | 0.0 | 1.0 | 32.3 | 91 |
| 38.9 | 101.5 | 11133.9 | 225.0 | -57.6 | -99.9 | 282.4 | 48.5 | 47.3 | -10.4 | 330.2 | 330.2 | 0.0 | 1.0 | 32.3 | 91 |
| 41.2 | 107.3 | 11866.4 | 200.0 | -63.8 | -99.9 | 281.8 | 32.8 | 32.1 | -6.7 | 331.8 | 331.8 | 0.0 | 1.0 | 32.3 | 91 |
| 43.7 | 113.0 | 12475.8 | 175.0 | -65.2 | -99.9 | 281.9 | 49.6 | 47.6 | -10.7 | 332.4 | 332.4 | 0.0 | 1.0 | 32.3 | 91 |
| 46.4 | 119.7 | 13632.7 | 150.0 | -59.5 | -99.9 | 291.5 | 28.5 | 28.6 | -10.5 | 337.6 | 337.6 | 0.0 | 1.0 | 32.3 | 91 |
| 51.1 | 127.0 | 14776.0 | 125.0 | -59.0 | -99.9 | 290.2 | 26.0 | 26.4 | -9.0 | 338.2 | 338.2 | 0.0 | 1.0 | 32.3 | 91 |
| 55.7 | 135.3 | 16157.0 | 100.0 | -55.0 | -99.9 | 294.3 | 11.4 | 10.4 | -4.7 | 421.4 | 421.4 | 0.0 | 1.0 | 32.3 | 91 |
| 61.1 | 143.3 | 18021.4 | 75.0 | -59.3 | -99.9 | 301.9 | 11.4 | 9.7 | -6.0 | 428.7 | 428.7 | 0.0 | 1.0 | 32.3 | 91 |
| 68.3 | 152.7 | 20584.1 | 50.0 | -54.9 | -99.9 | 311.6 | 2.0 | 1.5 | -1.3 | 434.3 | 434.3 | 0.0 | 1.0 | 32.3 | 91 |
| 83.0 | 161.7 | 25021.9 | 25.0 | -52.7 | -99.9 | 70.6 | 2.5 | -2.4 | -0.6 | 633.5 | 633.5 | 0.0 | 1.0 | 32.3 | 91 |

ORIGINAL PAGE IS
OF POOR QUALITY

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637
FLINT, MICH24 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | CEV PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCNP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.1 | 5.8 | 236.0 | 985.6 | 8.9 | 4.5 | 30.0 | 4.7 | -2.3 | -4.1 | 283.9 | 297.9 | 5.4 | 74.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.0 | 999.9 | 99.9 |
| 0.3 | 6.9 | 326.9 | 975.0 | 7.0 | 1.6 | 3.0 | 3.8 | -0.2 | -3.8 | 282.8 | 294.3 | 4.4 | 68.2 | 0.2 | 134. |
| 1.2 | 5.0 | 535.8 | 950.0 | 4.8 | 3.0 | 1.0 | 4.5 | -0.1 | -4.5 | 282.7 | 295.8 | 5.0 | 86.2 | 0.4 | 163. |
| 2.0 | 11.0 | 756.7 | 925.0 | 3.0 | 2.4 | 355.4 | 5.9 | 0.5 | -5.9 | 283.0 | 295.8 | 4.9 | 95.8 | 0.6 | 185. |
| 2.9 | 13.3 | 978.2 | 900.0 | 1.1 | 0.5 | 345.1 | 5.4 | 1.4 | -5.2 | 283.2 | 294.7 | 4.4 | 95.9 | 0.5 | 130. |
| 3.9 | 15.5 | 1206.8 | 875.0 | 5.8 | -3.3 | 325.4 | 3.9 | 2.8 | -3.2 | 290.3 | 300.1 | 3.6 | 55.0 | 1.1 | 175. |
| 4.6 | 17.7 | 1444.3 | 850.0 | 6.4 | -7.4 | 323.3 | 4.6 | 2.8 | -3.7 | 293.2 | 300.5 | 2.6 | 36.6 | 1.3 | 171. |
| 5.4 | 20.2 | 1688.9 | 825.0 | 5.9 | -6.4 | 304.2 | 5.0 | 4.1 | -2.8 | 255.3 | 303.4 | 2.9 | 40.7 | 1.5 | 161. |
| 6.2 | 22.4 | 1940.6 | 800.0 | 5.3 | -6.2 | 298.0 | 4.5 | 4.0 | -2.0 | 297.1 | 305.7 | 3.0 | 43.4 | 1.7 | 159. |
| 7.1 | 24.9 | 2199.1 | 775.0 | 3.6 | -6.6 | 285.1 | 5.3 | 5.1 | -1.4 | 298.0 | 306.7 | 3.0 | 47.3 | 1.9 | 158. |
| 8.1 | 27.3 | 2464.9 | 750.0 | 2.7 | -17.9 | 284.6 | 7.6 | 7.3 | -1.9 | 259.6 | 303.4 | 1.2 | 20.2 | 2.1 | 145. |
| 9.0 | 29.4 | 2738.6 | 725.0 | 1.7 | -19.8 | 291.2 | 8.0 | 7.4 | -2.9 | 301.4 | 304.8 | 1.1 | 18.5 | 2.5 | 139. |
| 10.0 | 32.5 | 3020.4 | 700.0 | 0.0 | -20.7 | 294.7 | 9.1 | 6.2 | -3.8 | 302.6 | 305.9 | 1.1 | 19.3 | 2.9 | 131. |
| 10.9 | 35.2 | 3310.6 | 675.0 | -1.9 | -21.6 | 292.3 | 10.4 | 9.6 | -3.9 | 303.6 | 307.7 | 0.9 | 20.4 | 3.4 | 132. |
| 12.0 | 37.7 | 3605.5 | 650.0 | -3.7 | -23.3 | 289.8 | 11.3 | 10.6 | -3.8 | 304.8 | 307.7 | 0.9 | 20.1 | 4.1 | 124. |
| 13.0 | 40.4 | 3918.1 | 625.0 | -5.4 | -27.8 | 293.5 | 12.3 | 11.2 | -4.9 | 306.3 | 306.3 | 0.6 | 15.1 | 4.8 | 124. |
| 14.1 | 43.2 | 4237.0 | 600.0 | -7.6 | -29.2 | 296.0 | 13.9 | 12.5 | -6.1 | 307.4 | 309.3 | 0.6 | 15.6 | 5.7 | 124. |
| 15.1 | 46.3 | 4566.5 | 575.0 | -10.5 | -31.5 | 291.0 | 14.7 | 13.7 | -5.3 | 307.7 | 309.3 | 0.5 | 15.9 | 6.5 | 123. |
| 16.2 | 49.1 | 4905.9 | 550.0 | -13.2 | -33.6 | 286.1 | 15.5 | 14.9 | -4.3 | 308.4 | 307.8 | 0.4 | 16.1 | 7.5 | 121. |
| 17.3 | 52.1 | 5255.4 | 525.0 | -15.7 | -35.5 | 280.0 | 15.0 | 14.8 | -2.6 | 309.6 | 310.8 | 0.3 | 16.3 | 8.5 | 117. |
| 18.7 | 55.4 | 5625.7 | 500.0 | -18.6 | -37.8 | 276.6 | 15.5 | 15.4 | -1.8 | 310.4 | 311.4 | 0.3 | 16.4 | 9.6 | 117. |
| 19.9 | 58.5 | 6006.2 | 475.0 | -21.3 | -31.6 | 277.4 | 16.0 | 15.8 | -2.1 | 311.6 | 313.6 | 0.6 | 40.6 | 10.7 | 114. |
| 21.3 | 62.0 | 6404.0 | 450.0 | -23.0 | -30.0 | 278.1 | 15.5 | 15.3 | -2.2 | 314.3 | 316.6 | 0.7 | 52.5 | 12.0 | 112. |
| 22.5 | 65.4 | 6820.3 | 425.0 | -26.5 | -33.2 | 272.4 | 16.2 | 16.2 | -0.4 | 315.0 | 316.8 | 0.5 | 53.0 | 13.1 | 111. |
| 24.0 | 69.0 | 7255.3 | 400.0 | -29.1 | -31.3 | 273.0 | 19.3 | 16.3 | -1.0 | 317.1 | 319.5 | 0.7 | 61.1 | 14.5 | 104. |
| 25.5 | 72.6 | 7714.1 | 375.0 | -32.2 | -36.8 | 274.0 | 19.2 | 19.1 | -1.3 | 319.0 | 320.5 | 0.4 | 63.2 | 16.3 | 104. |
| 27.2 | 76.7 | 8197.6 | 350.0 | -35.5 | -51.1 | 267.1 | 21.1 | 21.1 | -1.0 | 320.9 | 321.2 | 0.1 | 16.8 | 18.3 | 106. |
| 29.0 | 80.7 | 8709.1 | 325.0 | -39.7 | 99.7 | 270.0 | 20.7 | 20.7 | -0.0 | 321.9 | 999.9 | 99.9 | 999.9 | 20.3 | 104. |
| 30.8 | 85.3 | 9250.6 | 300.0 | -44.4 | 99.7 | 272.7 | 24.0 | 24.0 | -1.1 | 322.8 | 999.9 | 99.9 | 999.9 | 22.9 | 102. |
| 32.9 | 89.5 | 9426.6 | 275.0 | -49.8 | 99.9 | 271.5 | 25.4 | 25.4 | -0.6 | 323.2 | 999.9 | 99.9 | 999.9 | 25.8 | 101. |
| 35.0 | 94.6 | 10442.7 | 250.0 | -54.4 | 99.9 | 272.4 | 31.1 | 31.1 | -1.3 | 323.8 | 999.9 | 99.9 | 999.9 | 29.2 | 101. |
| 37.2 | 99.6 | 11109.5 | 225.0 | -58.8 | 99.9 | 260.8 | 32.4 | 32.4 | 5.2 | 328.4 | 999.9 | 99.9 | 999.9 | 33.5 | 94. |
| 39.7 | 105.2 | 11847.9 | 200.0 | -58.0 | 99.9 | 261.0 | 33.2 | 32.3 | 5.2 | 340.0 | 999.9 | 99.9 | 999.9 | 38.1 | 96. |
| 42.3 | 111.3 | 12665.5 | 175.0 | -58.0 | 99.9 | 260.5 | 32.8 | 32.3 | 5.4 | 354.2 | 999.9 | 99.9 | 999.9 | 43.0 | 94. |
| 45.3 | 118.2 | 13662.4 | 150.0 | -58.5 | 99.9 | 264.0 | 25.2 | 25.1 | 2.6 | 369.3 | 999.9 | 99.9 | 999.9 | 48.4 | 91. |
| 49.0 | 125.9 | 14512.8 | 125.0 | -56.5 | 99.9 | 262.4 | 23.5 | 23.3 | 3.1 | 392.7 | 999.9 | 99.9 | 999.9 | 54.3 | 92. |
| 53.3 | 134.5 | 16231.4 | 100.0 | -55.9 | 99.9 | 271.4 | 20.0 | 20.0 | -0.5 | 419.7 | 999.9 | 99.9 | 999.9 | 60.2 | 92. |
| 58.7 | 147.3 | 19068.8 | 75.0 | -58.8 | 99.9 | 249.5 | 4.9 | 4.6 | 1.7 | 498.7 | 999.9 | 99.9 | 999.9 | 64.7 | 91. |
| 66.0 | 154.3 | 20405.0 | 50.0 | -56.7 | 99.9 | 246.3 | 4.4 | 4.0 | 1.4 | 510.0 | 999.9 | 99.9 | 999.9 | 66.5 | 91. |
| 77.5 | 166.7 | 25046.1 | 25.0 | -53.1 | 99.9 | 90.7 | 3.9 | -3.9 | 0.0 | 632.1 | 999.9 | 99.9 | 999.9 | 66.9 | 92. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 645
GREEN BAY, WIS

24 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | PH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.7 | 210.0 | 999.8 | 8.9 | 1.8 | 50.0 | 4.2 | -3.2 | -2.7 | 283.5 | 295.0 | 4.4 | 61.0 | 7.3 | 0. |
| 99.9 | 99.9 | 59.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 9.2 | 334.6 | 975.0 | 7.8 | 1.7 | 75.7 | 3.5 | -3.5 | -0.6 | 283.6 | 295.2 | 4.4 | 65.3 | 9.2 | 215. |
| 1.4 | 10.5 | 548.1 | 950.0 | 5.8 | 1.3 | 37.9 | 4.7 | -2.9 | -3.7 | 283.6 | 295.3 | 4.4 | 73.1 | 0.4 | 212. |
| 2.3 | 12.8 | 765.9 | 925.0 | 4.2 | 0.9 | 41.6 | 6.7 | -4.5 | -5.1 | 284.1 | 295.7 | 4.4 | 78.0 | 0.7 | 277. |
| 3.1 | 14.2 | 988.4 | 900.0 | 2.6 | -0.7 | 44.8 | 8.7 | -6.1 | -6.1 | 284.7 | 295.4 | 4.0 | 78.4 | 1.0 | 275. |
| 3.9 | 17.5 | 1216.3 | 875.0 | 2.6 | -3.5 | 53.9 | 8.8 | -7.1 | -5.2 | 287.0 | 296.2 | 3.4 | 65.0 | 1.5 | 250. |
| 4.8 | 20.0 | 1451.6 | 850.0 | 4.1 | -0.3 | 63.4 | 9.2 | -4.7 | -2.2 | 290.8 | 298.6 | 2.8 | 46.8 | 1.8 | 259. |
| 5.7 | 22.3 | 1694.1 | 825.0 | 3.1 | -0.9 | 45.4 | 2.6 | -1.9 | -1.8 | 292.2 | 300.0 | 2.8 | 47.8 | 2.0 | 213. |
| 6.7 | 25.0 | 1942.7 | 800.0 | 1.4 | -0.6 | 45.1 | 2.7 | -1.9 | -1.9 | 293.0 | 301.2 | 2.9 | 55.1 | 2.2 | 413. |
| 7.7 | 27.4 | 2198.3 | 775.0 | 1.3 | -23.2 | 331.1 | 3.9 | 1.9 | -3.4 | 295.3 | 298.5 | 1.1 | 20.6 | 2.3 | 277. |
| 8.5 | 30.1 | 2462.2 | 750.0 | 1.5 | -35.7 | 321.7 | 5.8 | 3.6 | -4.6 | 298.2 | 299.0 | 0.2 | 4.2 | 2.3 | 270. |
| 9.5 | 32.7 | 2734.0 | 725.0 | -0.3 | -38.6 | 311.6 | 7.2 | 5.1 | -5.0 | 299.2 | 299.9 | 0.2 | 4.4 | 2.4 | 272. |
| 10.7 | 35.5 | 3014.2 | 700.0 | -1.3 | -37.1 | 306.6 | 8.2 | 6.6 | -4.9 | 301.1 | 301.9 | 0.2 | 4.5 | 2.6 | 177. |
| 11.7 | 38.3 | 3302.8 | 675.0 | -3.0 | -38.0 | 303.1 | 9.3 | 7.8 | -5.1 | 302.3 | 303.0 | 0.2 | 4.7 | 2.8 | 177. |
| 12.8 | 40.9 | 3600.4 | 650.0 | -5.3 | -20.5 | 296.1 | 10.3 | 9.2 | -4.6 | 303.0 | 304.6 | 1.1 | 29.2 | 3.0 | 177. |
| 13.8 | 43.8 | 3907.1 | 625.0 | -7.2 | -32.7 | 293.2 | 12.1 | 11.2 | -4.8 | 305.3 | 305.6 | 0.4 | 11.2 | 3.4 | 177. |
| 14.9 | 46.9 | 4224.5 | 600.0 | -8.9 | -29.0 | 288.5 | 13.8 | 13.1 | -4.4 | 305.9 | 307.7 | 0.6 | 17.7 | 4.3 | 177. |
| 16.1 | 49.3 | 4552.1 | 575.0 | -11.8 | -33.3 | 288.4 | 15.5 | 14.7 | -4.9 | 306.2 | 307.6 | 0.4 | 14.7 | 4.7 | 177. |
| 17.3 | 52.3 | 4891.5 | 550.0 | -13.7 | -37.1 | 281.8 | 16.1 | 15.8 | -3.3 | 307.8 | 308.7 | 0.3 | 11.7 | 5.6 | 177. |
| 18.4 | 55.9 | 5243.3 | 525.0 | -16.3 | -39.0 | 275.3 | 16.0 | 15.8 | -2.5 | 308.6 | 309.7 | 0.2 | 12.0 | 6.5 | 177. |
| 19.7 | 59.1 | 5607.9 | 500.0 | -19.3 | -41.3 | 275.3 | 18.9 | 18.8 | -1.7 | 309.5 | 310.2 | 0.2 | 12.1 | 7.6 | 177. |
| 21.0 | 62.5 | 5977.7 | 475.0 | -21.6 | -43.1 | 275.2 | 21.4 | 21.3 | -1.9 | 311.3 | 311.9 | 0.2 | 12.2 | 9.1 | 177. |
| 22.5 | 65.3 | 6381.5 | 450.0 | -24.6 | -47.8 | 272.1 | 22.0 | 22.0 | -0.8 | 312.2 | 312.6 | 0.1 | 9.5 | 10.9 | 177. |
| 23.9 | 68.5 | 6737.3 | 425.0 | -27.8 | -50.2 | 265.2 | 20.6 | 20.5 | 1.7 | 313.3 | 313.6 | 0.1 | 9.6 | 12.4 | 177. |
| 25.5 | 73.0 | 7224.5 | 400.0 | -31.6 | -52.9 | 261.7 | 18.2 | 18.0 | 2.6 | 313.9 | 314.1 | 0.1 | 10.0 | 14.0 | 177. |
| 27.0 | 78.9 | 7683.4 | 375.0 | -34.9 | -55.0 | 271.3 | 15.7 | 15.7 | -0.4 | 315.3 | 315.6 | 0.1 | 10.8 | 15.4 | 177. |
| 28.5 | 80.8 | 8160.6 | 350.0 | -39.3 | -58.5 | 271.9 | 17.8 | 17.7 | -0.6 | 315.7 | 316.0 | 0.1 | 23.0 | 16.8 | 177. |
| 27.3 | 85.0 | 8604.1 | 325.0 | -43.0 | -60.0 | 265.2 | 20.5 | 20.4 | 1.7 | 317.4 | 317.4 | 99.9 | 99.9 | 17.9 | 177. |
| 32.1 | 89.2 | 9155.3 | 300.0 | -47.2 | -59.9 | 263.6 | 24.2 | 24.1 | 2.7 | 318.9 | 318.9 | 99.9 | 99.9 | 21.1 | 177. |
| 34.0 | 93.8 | 9749.5 | 275.0 | -51.8 | -58.9 | 260.7 | 27.7 | 27.3 | 4.4 | 320.3 | 320.3 | 99.9 | 99.9 | 24.0 | 177. |
| 36.2 | 98.6 | 10140.8 | 250.0 | -56.7 | -58.9 | 258.2 | 30.1 | 29.1 | 7.7 | 321.8 | 321.8 | 99.9 | 99.9 | 27.5 | 177. |
| 39.7 | 103.9 | 11043.8 | 225.0 | -59.4 | -59.9 | 258.6 | 30.0 | 32.8 | 9.0 | 327.5 | 327.5 | 99.9 | 99.9 | 31.9 | 177. |
| 41.2 | 105.3 | 11783.6 | 200.0 | -59.0 | -59.9 | 259.5 | 28.3 | 27.8 | 5.1 | 339.4 | 339.4 | 99.9 | 99.9 | 36.8 | 177. |
| 44.2 | 114.2 | 12427.0 | 175.0 | -54.5 | -59.9 | 263.1 | 26.4 | 26.3 | 3.2 | 356.6 | 356.6 | 99.9 | 99.9 | 42.1 | 177. |
| 47.7 | 121.7 | 13604.5 | 150.0 | -56.6 | -59.9 | 268.0 | 28.0 | 25.0 | 0.9 | 372.6 | 372.6 | 99.9 | 99.9 | 47.7 | 177. |
| 51.9 | 128.5 | 14764.4 | 125.0 | -56.3 | -59.9 | 268.0 | 22.5 | 22.3 | 3.9 | 393.0 | 393.0 | 99.9 | 99.9 | 51.7 | 177. |
| 57.2 | 136.3 | 16191.4 | 100.0 | -54.6 | -59.9 | 261.0 | 24.8 | 24.5 | 1.6 | 422.3 | 422.3 | 99.9 | 99.9 | 51.1 | 177. |
| 63.8 | 143.8 | 18047.7 | 75.0 | -56.0 | -59.9 | 254.0 | 5.8 | 5.6 | 1.6 | 455.7 | 455.7 | 99.9 | 99.9 | 67.0 | 177. |
| 72.7 | 151.7 | 20614.8 | 50.0 | -55.8 | -59.9 | 248.3 | 4.6 | 4.3 | 1.6 | 512.1 | 512.1 | 99.9 | 99.9 | 64.4 | 177. |
| 86.4 | 159.7 | 25081.8 | 25.0 | -51.4 | -59.9 | 50.4 | 4.4 | -3.4 | -2.8 | 637.3 | 637.3 | 99.9 | 99.9 | 63.1 | 177. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 654
MURUN. S D

26 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GEM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.3 | 392.0 | 962.1 | 12.0 | 10.0 | 120.0 | 9.3 | -8.1 | 4.6 | 290.2 | 311.2 | 8.1 | 83.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 10.4 | 459.7 | 950.0 | 12.6 | 10.6 | 136.2 | 12.3 | -8.5 | 8.9 | 291.1 | 313.2 | 8.5 | 87.6 | 0.4 | 30.5 |
| 1.1 | 12.5 | 722.3 | 925.0 | 10.9 | 9.5 | 147.9 | 11.5 | -6.1 | 9.8 | 291.6 | 312.8 | 8.1 | 90.9 | 0.8 | 31.5 |
| 1.8 | 14.9 | 550.8 | 900.0 | 9.6 | 7.8 | 174.2 | 9.7 | -1.0 | 9.7 | 292.4 | 312.0 | 7.4 | 88.5 | 1.2 | 32.3 |
| 2.4 | 17.0 | 1194.7 | 875.0 | 8.7 | 6.5 | 196.0 | 8.6 | 2.4 | 8.3 | 293.7 | 312.3 | 7.0 | 86.1 | 1.4 | 33.4 |
| 3.4 | 19.4 | 1424.0 | 850.0 | 6.2 | 5.9 | 211.7 | 6.5 | 4.4 | 7.2 | 293.6 | 312.0 | 6.9 | 98.1 | 1.8 | 34.5 |
| 4.2 | 21.5 | 1685.7 | 825.0 | 4.7 | 4.7 | 240.1 | 9.8 | 8.5 | 4.9 | 294.4 | 311.9 | 6.5 | 99.9 | 2.0 | 35.5 |
| 5.7 | 24.0 | 1919.0 | 800.0 | 2.6 | 2.6 | 247.1 | 14.0 | 12.9 | 5.5 | 294.7 | 310.4 | 5.8 | 100.4 | 2.6 | 18. |
| 6.7 | 26.3 | 2175.5 | 775.0 | 1.1 | 0.1 | 247.6 | 16.2 | 15.0 | 6.2 | 295.7 | 309.4 | 5.0 | 92.8 | 3.3 | 31. |
| 7.7 | 28.9 | 2438.8 | 750.0 | -0.7 | -2.2 | 242.8 | 16.4 | 14.6 | 7.5 | 296.3 | 309.4 | 4.3 | 89.8 | 4.1 | 38. |
| 8.5 | 31.4 | 2705.2 | 725.0 | -2.3 | -4.2 | 238.6 | 16.3 | 14.0 | 8.5 | 297.4 | 308.3 | 3.9 | 86.9 | 4.9 | 42. |
| 9.3 | 34.1 | 2987.0 | 700.0 | -4.6 | -4.9 | 235.4 | 16.3 | 13.4 | 9.2 | 297.9 | 308.5 | 3.8 | 97.5 | 5.7 | 44. |
| 10.2 | 36.6 | 3272.8 | 675.0 | -6.5 | -6.7 | 234.1 | 16.4 | 13.3 | 9.6 | 298.8 | 308.6 | 3.4 | 98.1 | 6.5 | 45. |
| 11.2 | 39.3 | 3560.9 | 650.0 | -8.9 | -9.2 | 235.3 | 16.4 | 13.5 | 9.3 | 299.3 | 307.8 | 2.9 | 97.5 | 7.5 | 46. |
| 12.2 | 41.9 | 3869.6 | 625.0 | -11.1 | -11.8 | 236.8 | 17.0 | 14.2 | 8.3 | 300.1 | 307.3 | 2.5 | 94.1 | 8.4 | 48. |
| 13.4 | 44.8 | 4181.8 | 600.0 | -13.5 | -20.2 | 241.8 | 17.2 | 15.2 | 8.1 | 300.6 | 304.5 | 1.3 | 57.0 | 9.7 | 49. |
| 14.7 | 47.7 | 4504.6 | 575.0 | -15.1 | -45.8 | 250.0 | 17.5 | 16.5 | 6.0 | 302.2 | 302.6 | 0.1 | 5.5 | 10.9 | 51. |
| 15.8 | 50.6 | 4830.0 | 550.0 | -17.6 | -47.6 | 251.3 | 17.5 | 16.6 | 5.6 | 303.1 | 303.6 | 0.1 | 6.6 | 12.1 | 53. |
| 17.0 | 53.6 | 5185.1 | 525.0 | -20.5 | -47.4 | 246.3 | 16.8 | 15.4 | 6.8 | 303.7 | 304.1 | 0.1 | 6.9 | 13.3 | 54. |
| 18.1 | 56.5 | 5544.1 | 500.0 | -23.4 | -47.1 | 244.9 | 15.3 | 13.8 | 4.5 | 304.5 | 304.9 | 0.1 | 11.6 | 14.4 | 55. |
| 19.3 | 59.7 | 5917.8 | 475.0 | -25.7 | -35.6 | 244.8 | 9.6 | 8.7 | 4.1 | 306.1 | 307.5 | 0.4 | 43.4 | 15.2 | 56. |
| 20.5 | 63.1 | 6308.4 | 450.0 | -27.5 | -30.7 | 252.4 | 7.4 | 7.1 | 2.2 | 308.7 | 310.8 | 0.6 | 73.5 | 15.8 | 58. |
| 21.6 | 66.4 | 6718.4 | 425.0 | -29.7 | -33.4 | 270.6 | 10.1 | 10.1 | -0.1 | 311.0 | 312.8 | 0.5 | 69.8 | 16.3 | 57. |
| 22.8 | 69.9 | 7147.6 | 400.0 | -33.4 | -37.6 | 283.5 | 12.0 | 11.7 | -2.8 | 311.6 | 312.8 | 0.4 | 65.1 | 16.9 | 59. |
| 24.3 | 73.5 | 7597.9 | 375.0 | -36.7 | -41.6 | 294.9 | 11.2 | 10.2 | -4.7 | 313.0 | 313.9 | 0.3 | 59.9 | 17.6 | 62. |
| 25.9 | 77.2 | 8072.0 | 350.0 | -40.7 | -45.9 | 285.8 | 9.1 | 8.7 | -2.5 | 313.8 | 999.9 | 99.9 | 99.9 | 18.2 | 64. |
| 27.3 | 81.1 | 8573.0 | 325.0 | -43.6 | -49.9 | 253.0 | 15.4 | 14.7 | 4.5 | 316.7 | 999.9 | 99.9 | 99.9 | 19.0 | 65. |
| 29.0 | 85.3 | 9108.4 | 300.0 | -46.3 | -49.9 | 257.4 | 19.2 | 17.8 | 3.8 | 320.1 | 999.9 | 99.9 | 99.9 | 20.7 | 66. |
| 31.2 | 89.4 | 9622.3 | 275.0 | -49.0 | -49.9 | 254.1 | 17.9 | 17.2 | 4.7 | 324.3 | 999.9 | 99.9 | 99.9 | 23.4 | 67. |
| 33.7 | 94.0 | 10307.6 | 250.0 | -50.6 | -49.9 | 273.1 | 14.8 | 14.8 | -0.8 | 330.9 | 999.9 | 99.9 | 99.9 | 25.5 | 69. |
| 35.8 | 98.0 | 10991.4 | 225.0 | -52.7 | -49.9 | 270.7 | 16.9 | 16.9 | -0.2 | 337.7 | 999.9 | 99.9 | 99.9 | 27.2 | 70. |
| 38.3 | 103.8 | 11745.9 | 200.0 | -53.8 | -49.9 | 260.9 | 23.0 | 22.7 | 3.6 | 347.6 | 999.9 | 99.9 | 99.9 | 30.3 | 72. |
| 41.2 | 109.8 | 12606.8 | 175.0 | -54.1 | -49.9 | 267.9 | 17.9 | 17.9 | 0.6 | 360.6 | 999.9 | 99.9 | 99.9 | 33.4 | 73. |
| 44.9 | 115.8 | 13595.5 | 150.0 | -54.4 | -49.9 | 281.9 | 16.8 | 16.8 | -3.4 | 376.4 | 999.9 | 99.9 | 99.9 | 37.7 | 76. |
| 48.0 | 122.8 | 14756.8 | 125.0 | -57.2 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 391.5 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 655
ST CLOUD, MINN

24 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIP DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | EN PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.4 | 316.0 | 978.3 | 10.4 | 4.1 | 90.0 | 2.6 | -2.6 | 0.0 | 286.0 | 299.4 | 5.3 | 65.0 | 0.0 | 0. |
| 00.9 | 59.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 6.8 | 344.2 | 975.0 | 10.4 | 4.2 | 117.7 | 2.9 | -2.5 | 1.3 | 286.3 | 300.3 | 5.3 | 65.5 | 0.0 | 319. |
| 0.9 | 9.1 | 559.8 | 950.0 | 8.3 | 3.5 | 128.8 | 3.0 | -2.4 | 1.9 | 286.3 | 300.0 | 5.2 | 71.6 | 0.1 | 311. |
| 1.5 | 11.1 | 779.4 | 925.0 | 6.0 | 3.6 | 115.6 | 3.1 | -2.8 | 1.3 | 285.2 | 300.3 | 5.4 | 84.2 | 0.3 | 303. |
| 2.2 | 13.4 | 1003.4 | 900.0 | 3.7 | 2.9 | 97.9 | 4.4 | -4.4 | 0.6 | 286.0 | 299.8 | 5.3 | 94.2 | 0.4 | 236. |
| 3.1 | 15.5 | 1231.8 | 875.0 | 1.9 | 1.6 | 104.2 | 6.2 | -6.0 | 1.5 | 286.4 | 299.4 | 4.9 | 97.7 | 0.7 | 259. |
| 4.0 | 17.8 | 1465.4 | 850.0 | 1.1 | 0.6 | 123.6 | 5.9 | -4.9 | 3.2 | 287.8 | 300.4 | 4.7 | 96.6 | 1.0 | 290. |
| 5.0 | 20.2 | 1705.7 | 825.0 | 0.8 | -3.0 | 158.1 | 4.2 | -1.6 | 3.9 | 289.9 | 300.0 | 3.7 | 75.7 | 1.3 | 236. |
| 6.0 | 22.4 | 1953.3 | 800.0 | 1.6 | -14.5 | 245.5 | 1.8 | 1.7 | 0.8 | 293.0 | 297.8 | 1.7 | 31.6 | 1.4 | 392. |
| 6.9 | 24.9 | 2209.3 | 775.0 | 1.5 | -24.3 | 274.0 | 3.3 | 3.3 | -0.2 | 255.5 | 297.6 | 0.7 | 12.6 | 1.2 | 305. |
| 7.7 | 27.1 | 2472.3 | 750.0 | -0.3 | -22.8 | 234.9 | 3.7 | 3.1 | 2.2 | 296.4 | 298.9 | 0.8 | 16.2 | 1.1 | 312. |
| 8.4 | 29.7 | 2742.5 | 725.0 | -2.2 | -19.9 | 205.0 | 5.3 | 2.6 | 4.6 | 297.1 | 300.5 | 1.1 | 24.7 | 1.1 | 321. |
| 9.3 | 32.3 | 3020.0 | 700.0 | -4.0 | -4.1 | 202.4 | 7.9 | 3.0 | 7.3 | 298.5 | 309.9 | 4.0 | 99.7 | 1.4 | 334. |
| 10.5 | 35.0 | 3307.0 | 675.0 | -4.9 | -5.0 | 210.6 | 10.5 | 5.3 | 9.0 | 300.7 | 311.8 | 3.9 | 99.4 | 1. | 349. |
| 11.5 | 37.4 | 3603.7 | 650.0 | -6.3 | -6.6 | 224.5 | 12.7 | 8.9 | 9.1 | 302.2 | 312.6 | 3.6 | 98.2 | 2.4 | 2. |
| 12.5 | 40.2 | 3909.5 | 625.0 | -8.5 | -8.7 | 236.4 | 14.0 | 11.7 | 7.8 | 303.1 | 312.3 | 3.2 | 98.6 | 3.0 | 14. |
| 13.5 | 42.3 | 4225.0 | 600.0 | -10.9 | -11.1 | 248.3 | 14.3 | 13.3 | 5.3 | 303.8 | 311.8 | 2.7 | 98.5 | 3.6 | 24. |
| 14.5 | 45.9 | 4551.1 | 575.0 | -13.1 | -13.9 | 255.9 | 12.9 | 12.5 | 3.2 | 304.9 | 311.7 | 2.3 | 93.9 | 4.2 | 31. |
| 15.8 | 48.9 | 4888.5 | 550.0 | -15.2 | -19.8 | 255.6 | 11.6 | 11.2 | 2.9 | 306.2 | 310.6 | 1.4 | 87.8 | 4.9 | 40. |
| 16.8 | 51.6 | 5238.5 | 525.0 | -17.9 | -21.3 | 252.2 | 12.4 | 11.9 | 3.8 | 307.0 | 311.1 | 1.3 | 74.4 | 5.6 | 45. |
| 18.1 | 54.9 | 5501.0 | 500.0 | -20.9 | -24.8 | 253.2 | 12.6 | 12.4 | 3.6 | 307.6 | 310.9 | 1.0 | 70.9 | 6.5 | 49. |
| 19.5 | 58.0 | 5768.4 | 475.0 | -23.5 | -26.1 | 252.0 | 12.0 | 11.4 | 3.7 | 308.9 | 312.0 | 0.9 | 79.0 | 7.4 | 52. |
| 20.9 | 61.3 | 6071.2 | 450.0 | -27.0 | -30.2 | 250.2 | 13.0 | 12.2 | 4.4 | 309.4 | 311.6 | 0.7 | 73.6 | 8.4 | 54. |
| 22.3 | 64.9 | 6380.9 | 425.0 | -30.0 | -36.4 | 245.5 | 15.1 | 13.7 | 6.3 | 310.5 | 311.0 | 0.4 | 53.5 | 9.5 | 56. |
| 23.6 | 68.0 | 6709.7 | 400.0 | -32.2 | -39.8 | 245.1 | 17.0 | 15.4 | 7.1 | 311.9 | 312.9 | 0.3 | 50.0 | 10.7 | 57. |
| 25.1 | 71.4 | 7059.4 | 375.0 | -37.4 | -40.2 | 246.1 | 16.5 | 15.0 | 6.7 | 312.1 | 312.2 | 0.0 | 7.2 | 12.3 | 58. |
| 26.8 | 75.3 | 7431.6 | 350.0 | -41.7 | -49.9 | 245.1 | 17.0 | 15.4 | 7.2 | 312.5 | 312.5 | 99.9 | 99.9 | 14.3 | 59. |
| 28.5 | 79.5 | 7829.0 | 325.0 | -46.3 | -59.9 | 245.1 | 18.4 | 16.4 | 8.4 | 312.9 | 312.9 | 99.9 | 99.9 | 15.7 | 60. |
| 30.3 | 83.6 | 8155.5 | 300.0 | -51.1 | -69.9 | 242.5 | 21.3 | 18.8 | 5.8 | 313.3 | 312.9 | 99.9 | 99.9 | 17.4 | 61. |
| 32.0 | 87.8 | 8476.8 | 275.0 | -54.4 | -79.9 | 238.7 | 22.7 | 19.4 | 11.8 | 316.5 | 312.5 | 95.9 | 99.9 | 20.2 | 62. |
| 34.0 | 92.7 | 8821.9 | 250.0 | -57.4 | -89.9 | 242.1 | 22.0 | 19.4 | 10.3 | 320.7 | 312.5 | 99.9 | 99.9 | 22.8 | 63. |
| 36.2 | 97.8 | 9199.4 | 225.0 | -56.3 | -99.9 | 249.8 | 19.1 | 17.9 | 6.6 | 332.3 | 312.5 | 99.9 | 99.9 | 25.4 | 64. |
| 38.8 | 103.0 | 9736.7 | 200.0 | -56.2 | -99.9 | 250.9 | 24.5 | 23.1 | 8.0 | 343.9 | 312.5 | 99.9 | 99.9 | 28.7 | 65. |
| 41.5 | 108.0 | 10281.5 | 175.0 | -56.2 | -99.9 | 263.9 | 26.1 | 26.0 | 2.8 | 357.2 | 312.5 | 99.9 | 99.9 | 31.0 | 66. |
| 44.8 | 115.3 | 10867.3 | 150.0 | -55.7 | -99.9 | 266.6 | 19.3 | 18.8 | 4.5 | 374.2 | 312.5 | 99.9 | 99.9 | 33.8 | 67. |
| 48.8 | 122.7 | 11472.6 | 125.0 | -57.0 | -99.9 | 260.6 | 17.4 | 17.1 | 2.8 | 391.7 | 312.5 | 99.9 | 99.9 | 36.8 | 68. |
| 53.5 | 130.7 | 12151.0 | 100.0 | -55.3 | -99.9 | 245.6 | 15.7 | 14.3 | 6.5 | 421.0 | 312.5 | 99.9 | 99.9 | 40.7 | 69. |
| 59.8 | 139.3 | 13001.0 | 75.0 | -51.1 | -99.9 | 243.7 | 8.9 | 8.0 | 3.9 | 465.8 | 312.5 | 99.9 | 99.9 | 45.1 | 70. |
| 68.3 | 148.7 | 20596.2 | 50.0 | -53.1 | -99.9 | 248.7 | 1.8 | 1.6 | 0.6 | 518.3 | 312.5 | 99.9 | 99.9 | 50.8 | 71. |
| 81.1 | 156.5 | 25067.7 | 25.0 | -51.6 | -99.9 | 352.2 | 4.3 | 0.6 | -4.3 | 636.5 | 312.5 | 99.9 | 99.9 | 52.9 | 72. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMPERATURE MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 662
RAPID CITY, S D20 APRIL 1975
2115 GMT

| TIME MIN | CNTCT | HEIGHT GPH | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT K DG K | MX RTD GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 15.1 | 966.0 | 901.1 | 15.6 | 2.4 | 10.0 | 9.3 | -1.6 | -0.2 | 258.2 | 312.2 | 5.1 | 41.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 15.2 | 976.4 | 900.0 | 15.4 | 2.4 | 99.9 | 99.9 | 99.9 | 99.9 | 258.1 | 312.1 | 5.1 | 41.4 | 99.9 | 99.9 |
| 1.0 | 17.4 | 1213.8 | 875.0 | 12.2 | 2.0 | 99.9 | 99.9 | 99.9 | 99.9 | 257.1 | 311.1 | 5.1 | 49.5 | 99.9 | 99.9 |
| 2.0 | 19.8 | 1455.6 | 850.0 | 9.6 | 1.0 | 0.0 | 12.0 | -0.0 | -12.0 | 256.8 | 310.2 | 4.9 | 55.2 | 1.4 | 197. |
| 2.9 | 22.1 | 1702.7 | 825.0 | 7.5 | 1.1 | 346.1 | 9.8 | 2.4 | -9.5 | 257.1 | 311.0 | 5.0 | 64.0 | 2.0 | 193. |
| 4.0 | 24.6 | 1955.3 | 800.0 | 5.5 | -2.7 | 326.2 | 8.0 | 4.4 | -6.6 | 257.5 | 308.6 | 3.9 | 55.5 | 2.5 | 178. |
| 5.0 | 27.3 | 2218.3 | 775.0 | 3.9 | -4.9 | 284.1 | 8.8 | 8.5 | -2.1 | 258.5 | 308.2 | 3.4 | 52.5 | 2.8 | 170. |
| 6.0 | 29.6 | 2480.5 | 750.0 | 2.7 | -9.1 | 263.9 | 11.7 | 11.7 | 1.3 | 259.9 | 307.9 | 2.8 | 44.9 | 3.1 | 158. |
| 7.2 | 32.2 | 2752.9 | 725.0 | 0.7 | -10.5 | 251.8 | 13.7 | 13.0 | 4.3 | 300.5 | 307.4 | 2.4 | 42.8 | 3.3 | 143. |
| 8.4 | 34.9 | 3034.7 | 700.0 | -1.1 | -16.2 | 257.5 | 15.2 | 14.8 | 3.3 | 301.4 | 306.1 | 1.5 | 30.7 | 3.9 | 126. |
| 9.5 | 37.4 | 3324.8 | 675.0 | -0.6 | -28.1 | 271.1 | 14.4 | 14.4 | -0.3 | 305.0 | 306.8 | 0.6 | 10.3 | 4.6 | 119. |
| 10.4 | 40.2 | 3625.0 | 650.0 | -2.8 | -29.6 | 276.2 | 12.3 | 12.1 | -2.0 | 305.9 | 307.5 | 0.5 | 10.5 | 5.3 | 115. |
| 11.4 | 42.7 | 3934.1 | 625.0 | -5.3 | -31.3 | 289.9 | 10.1 | 9.5 | -3.4 | 306.4 | 307.9 | 0.4 | 10.8 | 5.9 | 114. |
| 12.5 | 45.8 | 4253.5 | 600.0 | -8.0 | -31.6 | 300.8 | 10.9 | 9.4 | -5.6 | 308.3 | 309.8 | 0.4 | 11.7 | 6.6 | 115. |
| 13.7 | 48.3 | 4594.0 | 575.0 | -9.5 | -31.0 | 297.6 | 12.6 | 11.2 | -5.8 | 308.9 | 310.5 | 0.5 | 15.3 | 7.4 | 115. |
| 15.0 | 51.6 | 4923.8 | 550.0 | -12.4 | -33.4 | 292.6 | 11.9 | 11.0 | -4.6 | 309.4 | 310.8 | 0.4 | 15.3 | 8.4 | 115. |
| 16.5 | 54.9 | 5278.9 | 525.0 | -15.7 | -35.6 | 292.5 | 13.4 | 12.4 | -5.1 | 309.5 | 310.7 | 0.3 | 16.1 | 9.5 | 115. |
| 17.9 | 57.4 | 5645.0 | 500.0 | -18.5 | -37.8 | 291.5 | 15.0 | 14.0 | -5.5 | 310.5 | 311.5 | 0.3 | 16.4 | 10.7 | 115. |
| 19.4 | 61.1 | 6025.6 | 475.0 | -21.2 | -39.9 | 290.1 | 16.2 | 14.1 | -7.9 | 311.7 | 312.5 | 0.2 | 16.6 | 12.1 | 114. |
| 20.7 | 64.8 | 6422.5 | 450.0 | -24.2 | -42.2 | 308.5 | 18.3 | 13.5 | -9.3 | 312.8 | 313.5 | 0.2 | 16.9 | 13.3 | 115. |
| 22.1 | 67.9 | 6834.3 | 425.0 | -28.0 | -45.2 | 301.2 | 17.7 | 15.1 | -9.2 | 313.1 | 313.7 | 0.2 | 17.2 | 14.8 | 115. |
| 23.6 | 71.3 | 7269.1 | 400.0 | -31.0 | -47.6 | 293.8 | 15.6 | 17.0 | -7.5 | 314.7 | 315.1 | 0.1 | 17.5 | 16.4 | 116. |
| 25.3 | 75.2 | 7722.7 | 375.0 | -35.3 | -51.1 | 284.4 | 20.4 | 18.7 | -8.5 | 314.8 | 315.2 | 0.1 | 17.9 | 18.4 | 116. |
| 26.9 | 79.2 | 8159.2 | 350.0 | -38.7 | -54.9 | 266.1 | 18.4 | 16.8 | -8.3 | 315.2 | 315.9 | 99.9 | 99.9 | 20.3 | 116. |
| 28.5 | 83.2 | 8701.0 | 325.0 | -44.1 | -59.9 | 298.1 | 19.7 | 17.4 | -9.3 | 316.0 | 316.4 | 99.9 | 99.9 | 22.1 | 116. |
| 30.0 | 87.2 | 9232.7 | 300.0 | -48.9 | -59.9 | 298.8 | 22.9 | 20.5 | -10.3 | 316.4 | 316.9 | 99.9 | 99.9 | 24.0 | 116. |
| 31.8 | 91.8 | 9798.1 | 275.0 | -53.7 | -59.9 | 296.6 | 24.4 | 21.8 | -10.9 | 317.5 | 317.9 | 99.9 | 99.9 | 26.7 | 116. |
| 34.1 | 96.4 | 10435.4 | 250.0 | -56.7 | -59.9 | 297.1 | 28.5 | 22.7 | -11.6 | 321.7 | 321.9 | 99.9 | 99.9 | 30.1 | 116. |
| 36.5 | 101.4 | 11074.0 | 225.0 | -57.4 | -59.9 | 301.8 | 28.0 | 20.4 | -12.7 | 330.5 | 330.9 | 99.9 | 99.9 | 33.9 | 117. |
| 39.2 | 107.0 | 11912.1 | 200.0 | -59.2 | -59.9 | 281.3 | 21.5 | 21.1 | -4.4 | 339.1 | 339.9 | 99.9 | 99.9 | 37.0 | 117. |
| 42.1 | 112.9 | 12422.9 | 175.0 | -56.8 | -59.9 | 286.3 | 23.0 | 22.1 | -6.5 | 356.2 | 356.9 | 99.9 | 99.9 | 41.2 | 115. |
| 45.5 | 119.0 | 13635.5 | 150.0 | -55.3 | -59.9 | 271.0 | 21.1 | 21.1 | -0.4 | 374.7 | 374.9 | 99.9 | 99.9 | 45.0 | 114. |
| 49.0 | 126.0 | 14791.7 | 125.0 | -58.8 | -59.9 | 255.8 | 19.9 | 19.3 | 4.6 | 388.5 | 388.9 | 99.9 | 99.9 | 48.4 | 111. |
| 53.5 | 134.2 | 16203.5 | 100.0 | -55.8 | -59.9 | 265.0 | 20.1 | 20.1 | 0.3 | 419.9 | 419.9 | 99.9 | 99.9 | 53.6 | 109. |
| 59.1 | 142.0 | 18044.6 | 75.0 | -52.2 | -59.9 | 260.8 | 20.4 | 20.2 | 3.3 | 423.5 | 423.9 | 99.9 | 99.9 | 57.7 | 106. |
| 66.7 | 151.0 | 20634.8 | 50.0 | -54.2 | -59.9 | 1.1 | 3.4 | -0.1 | -3.4 | 515.7 | 515.9 | 99.9 | 99.9 | 60.3 | 105. |
| 78.4 | 160.5 | 25173.7 | 25.0 | -49.1 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 643.7 | 643.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER

24 APRIL 1975
2315 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR CG | SPEED M/SFC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTD GM/KG | PH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 0.2 | 190.0 | 994.1 | 25.7 | 17.4 | 200.0 | 4.2 | 1.4 | 3.9 | 301.1 | 334.9 | 12.7 | 60.0 | 0.0 | 0 |
| 09.9 | 99.9 | 59.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 7.9 | 351.0 | 975.0 | 25.0 | 17.3 | 205.2 | 11.0 | 5.4 | 9.6 | 302.1 | 336.5 | 12.8 | 62.1 | 0.2 | 23 |
| 1.3 | 10.3 | 578.8 | 950.0 | 23.0 | 16.3 | 207.0 | 12.1 | 5.5 | 10.8 | 302.3 | 335.6 | 12.4 | 65.9 | 0.7 | 27 |
| 2.2 | 12.7 | 810.3 | 925.0 | 15.6 | 14.5 | 211.8 | 12.4 | 6.7 | 10.9 | 300.9 | 331.3 | 11.4 | 72.6 | 1.4 | 27 |
| 3.0 | 14.3 | 1046.2 | 900.0 | 17.8 | 14.1 | 225.9 | 11.9 | 8.5 | 8.3 | 301.4 | 331.8 | 11.3 | 78.5 | 2.0 | 31 |
| 3.9 | 16.3 | 1287.3 | 875.0 | 16.3 | 13.7 | 238.9 | 11.6 | 9.9 | 6.0 | 302.2 | 333.0 | 11.4 | 84.9 | 2.6 | 36 |
| 4.8 | 18.3 | 1533.8 | 850.0 | 14.5 | 12.7 | 247.1 | 12.8 | 11.9 | 5.0 | 302.8 | 332.4 | 10.9 | 88.9 | 3.2 | 41 |
| 5.7 | 20.8 | 1786.2 | 825.0 | 12.8 | 11.3 | 252.7 | 13.5 | 12.9 | 4.0 | 303.5 | 331.6 | 10.3 | 90.6 | 3.9 | 47 |
| 6.6 | 23.3 | 2044.3 | 800.0 | 10.5 | 10.1 | 258.1 | 12.8 | 12.5 | 2.6 | 303.7 | 330.4 | 9.8 | 97.1 | 4.4 | 51 |
| 7.6 | 25.4 | 2304.7 | 775.0 | 8.4 | 8.1 | 264.2 | 13.3 | 13.2 | 1.3 | 304.0 | 328.4 | 8.8 | 97.9 | 5.1 | 55 |
| 8.6 | 27.7 | 2579.7 | 750.0 | 7.0 | 5.9 | 265.4 | 14.9 | 14.8 | 1.2 | 305.2 | 326.9 | 7.8 | 92.7 | 5.8 | 60 |
| 9.6 | 30.2 | 2856.7 | 725.0 | 6.2 | 2.8 | 264.5 | 16.7 | 16.7 | 1.0 | 307.1 | 325.5 | 6.5 | 79.2 | 6.8 | 63 |
| 10.8 | 32.8 | 3145.8 | 700.0 | 4.7 | -2.9 | 273.6 | 17.2 | 17.2 | -1.1 | 308.2 | 321.2 | 4.5 | 58.3 | 7.9 | 47 |
| 12.0 | 35.4 | 3411.8 | 675.0 | 3.0 | -5.7 | 282.9 | 18.1 | 17.6 | -4.0 | 309.5 | 320.5 | 3.7 | 52.9 | 9.0 | 72 |
| 13.3 | 37.9 | 3746.2 | 650.0 | 0.5 | -7.4 | 285.5 | 19.3 | 18.6 | -5.1 | 310.0 | 320.1 | 3.4 | 55.1 | 10.1 | 76 |
| 14.3 | 40.5 | 4060.2 | 625.0 | -1.1 | -18.6 | 291.2 | 20.0 | 18.6 | -7.2 | 311.3 | 318.3 | 1.6 | 28.1 | 11.2 | 79 |
| 15.4 | 43.3 | 4384.1 | 600.0 | -3.8 | -30.7 | 294.2 | 21.0 | 19.1 | -8.6 | 311.8 | 313.4 | 0.5 | 10.2 | 12.4 | 83 |
| 16.5 | 46.3 | 4719.8 | 575.0 | -5.6 | -45.2 | 295.6 | 21.9 | 19.8 | -9.5 | 313.5 | 314.6 | 0.3 | 7.4 | 13.6 | 86 |
| 17.6 | 49.3 | 5055.2 | 550.0 | -8.7 | -37.2 | 297.2 | 24.8 | 22.1 | -11.3 | 313.8 | 314.8 | 0.3 | 7.8 | 15.2 | 89 |
| 19.3 | 52.1 | 5424.0 | 525.0 | -11.0 | -38.6 | 296.1 | 27.1 | 24.3 | -11.9 | 315.2 | 316.1 | 0.3 | 6.1 | 17.2 | 93 |
| 20.6 | 55.2 | 5777.2 | 500.0 | -13.0 | -39.9 | 296.3 | 25.1 | 24.1 | -7.0 | 317.9 | 317.9 | 0.2 | 8.3 | 19.3 | 96 |
| 22.1 | 58.4 | 6171.2 | 475.0 | -14.9 | -59.3 | 276.9 | 22.7 | 22.5 | -2.7 | 319.5 | 319.6 | 0.0 | 1.0 | 21.4 | 99 |
| 23.5 | 61.8 | 6593.5 | 450.0 | -18.2 | -61.5 | 274.9 | 24.2 | 24.1 | -2.1 | 320.3 | 320.4 | 0.0 | 1.0 | 23.3 | 96 |
| 25.7 | 65.3 | 7017.3 | 425.0 | -21.9 | -59.7 | 276.3 | 23.3 | 23.1 | -3.4 | 320.8 | 321.0 | 0.0 | 2.1 | 25.5 | 90 |
| 26.7 | 68.3 | 7460.2 | 400.0 | -25.7 | -53.6 | 276.2 | 23.2 | 23.0 | -2.5 | 321.6 | 321.8 | 0.1 | 5.3 | 27.9 | 90 |
| 29.4 | 72.3 | 7924.7 | 375.0 | -29.2 | -55.7 | 274.5 | 19.8 | 19.7 | -1.6 | 322.8 | 323.1 | 0.1 | 5.7 | 30.1 | 96 |
| 30.1 | 76.3 | 8413.7 | 350.0 | -33.0 | -57.9 | 275.1 | 20.6 | 20.4 | -3.3 | 324.2 | 324.4 | 0.0 | 6.1 | 32.1 | 96 |
| 31.9 | 80.5 | 8930.2 | 325.0 | -37.4 | -60.7 | 280.9 | 20.4 | 20.0 | -3.2 | 325.0 | 325.2 | 0.0 | 6.7 | 34.4 | 96 |
| 34.1 | 84.8 | 9476.3 | 300.0 | -41.1 | 99.9 | 271.4 | 20.0 | 20.0 | -0.5 | 327.4 | 999.9 | 99.9 | 999.9 | 37.1 | 96 |
| 36.5 | 89.3 | 10064.1 | 275.0 | -45.7 | 99.9 | 263.0 | 20.9 | 20.7 | 2.6 | 329.0 | 999.9 | 99.9 | 999.9 | 39.9 | 96 |
| 38.8 | 94.2 | 12692.4 | 250.0 | -50.5 | 99.9 | 263.5 | 19.3 | 19.2 | 2.2 | 331.0 | 999.9 | 99.9 | 999.9 | 42.5 | 96 |
| 41.0 | 99.4 | 11371.6 | 225.0 | -55.9 | 99.9 | 273.5 | 18.5 | 18.5 | -1.1 | 332.8 | 999.9 | 99.9 | 999.9 | 44.9 | 96 |
| 43.4 | 105.0 | 12110.1 | 200.0 | -61.8 | 99.9 | 275.7 | 25.1 | 24.9 | -2.5 | 334.8 | 999.9 | 99.9 | 999.9 | 48.1 | 96 |
| 46.2 | 111.3 | 12747.3 | 175.0 | -66.2 | 99.9 | 276.4 | 29.2 | 29.0 | -3.3 | 340.7 | 999.9 | 99.9 | 999.9 | 52.5 | 96 |
| 49.2 | 118.3 | 13669.7 | 150.0 | -61.2 | 99.9 | 271.1 | 35.5 | 35.5 | -0.8 | 344.6 | 999.9 | 99.9 | 999.9 | 58.2 | 96 |
| 53.0 | 126.3 | 15004.1 | 125.0 | -61.5 | 99.9 | 267.0 | 31.2 | 31.1 | 1.6 | 383.6 | 999.9 | 99.9 | 999.9 | 65.3 | 96 |
| 57.4 | 135.3 | 16378.8 | 100.0 | -65.3 | 99.9 | 268.7 | 18.9 | 18.9 | 0.4 | 401.6 | 999.9 | 99.9 | 999.9 | 72.2 | 96 |
| 62.6 | 144.3 | 18105.0 | 75.0 | -66.6 | 99.9 | 281.4 | 11.2 | 11.0 | -2.3 | 433.3 | 999.9 | 99.9 | 999.9 | 76.7 | 96 |
| 70.1 | 155.0 | 20506.8 | 50.0 | -60.2 | 99.9 | 301.9 | 6.1 | 5.1 | -3.2 | 500.2 | 999.9 | 99.9 | 999.9 | 78.4 | 96 |
| 81.9 | 167.3 | 24902.2 | 25.0 | -52.2 | 99.9 | 332.0 | 8.3 | 3.9 | -7.3 | 634.5 | 999.9 | 99.9 | 999.9 | 78.9 | 96 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 22302
PT. SILL, CALA

25 APRIL 1975
50 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIF DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MAX RTD CM/KG | RM PCT | RANGE KM | AZ DL |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|-------------|----------|
| 0.0 | 99.9 | 362.0 | 963.4 | 26.0 | 18.9 | 100.0 | 5.1 | 0.0 | 5.1 | 305.1 | 344.2 | 14.5 | 62.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 10.4 | 466.3 | 950.0 | 26.7 | 18.9 | 109.3 | 11.2 | 1.8 | 11.0 | 306.3 | 346.1 | 14.6 | 62.2 | 0.2 | 35.0 |
| 1.1 | 12.9 | 721.0 | 925.0 | 24.8 | 17.3 | 192.9 | 10.1 | 2.3 | 5.9 | 306.6 | 343.7 | 13.6 | 63.1 | 0.6 | 6. |
| 1.7 | 15.3 | 962.3 | 900.0 | 23.2 | 16.3 | 205.0 | 7.6 | 3.2 | 6.9 | 307.2 | 343.2 | 13.1 | 65.2 | 0.9 | 10. |
| 2.5 | 17.9 | 1207.8 | 875.0 | 21.4 | 14.3 | 229.8 | 5.3 | 4.1 | 3.4 | 307.6 | 340.3 | 11.9 | 64.2 | 1.2 | 16. |
| 3.2 | 20.3 | 1458.7 | 850.0 | 19.3 | 12.5 | 265.5 | 4.2 | 4.2 | 0.3 | 307.6 | 337.6 | 10.8 | 64.5 | 1.3 | 23. |
| 4.1 | 22.9 | 1715.0 | 825.0 | 17.4 | 10.7 | 270.6 | 4.7 | 4.7 | -0.0 | 308.3 | 335.9 | 9.9 | 64.7 | 1.4 | 32. |
| 4.9 | 25.4 | 1977.4 | 800.0 | 14.8 | 8.9 | 272.1 | 4.3 | 4.3 | -0.2 | 308.2 | 333.2 | 8.9 | 67.0 | 1.5 | 39. |
| 5.8 | 28.3 | 2245.4 | 775.0 | 12.7 | 6.0 | 265.3 | 4.5 | 4.5 | 0.4 | 308.5 | 330.0 | 7.6 | 63.8 | 1.7 | 45. |
| 6.5 | 30.3 | 2520.0 | 750.0 | 10.4 | 4.0 | 262.5 | 6.0 | 5.9 | 0.8 | 308.7 | 328.1 | 6.8 | 64.4 | 1.9 | 49. |
| 7.5 | 33.7 | 2801.0 | 725.0 | 8.2 | 0.7 | 263.7 | 8.5 | 8.5 | 0.9 | 309.2 | 325.3 | 5.6 | 58.9 | 2.2 | 55. |
| 8.5 | 36.3 | 3030.3 | 700.0 | 5.7 | -5.9 | 258.8 | 11.3 | 11.1 | 2.2 | 309.3 | 319.8 | 3.5 | 43.8 | 2.8 | 61. |
| 9.5 | 39.2 | 3386.7 | 675.0 | 3.6 | -11.3 | 259.3 | 14.0 | 13.7 | 2.6 | 310.0 | 317.2 | 2.4 | 32.6 | 3.5 | 64. |
| 10.6 | 42.0 | 3681.5 | 650.0 | 1.1 | -12.6 | 246.9 | 19.9 | 19.9 | 99.9 | 310.5 | 317.3 | 2.2 | 35.0 | 99.9 | 99.9 |
| 11.6 | 45.1 | 4005.7 | 625.0 | -1.1 | -21.4 | 999.9 | 99.9 | 99.9 | 99.9 | 311.3 | 314.9 | 1.1 | 19.4 | 99.9 | 99.9 |
| 12.5 | 48.1 | 4330.1 | 600.0 | -3.3 | -27.1 | 999.9 | 99.9 | 99.9 | 99.9 | 312.4 | 314.7 | 0.7 | 13.9 | 99.9 | 99.9 |
| 13.5 | 51.1 | 4616.2 | 575.0 | -6.1 | -62.5 | 999.9 | 99.9 | 99.9 | 99.9 | 315.2 | 315.8 | 0.2 | 3.1 | 99.9 | 99.9 |
| 14.4 | 54.4 | 5015.0 | 550.0 | -9.5 | -29.4 | 999.9 | 99.9 | 99.9 | 99.9 | 316.0 | 316.8 | 0.2 | 5.2 | 99.9 | 99.9 |
| 15.4 | 57.6 | 5376.1 | 525.0 | -13.1 | -20.3 | 996.9 | 99.9 | 99.9 | 99.9 | 317.2 | 322.1 | 1.5 | 54.3 | 99.9 | 99.9 |
| 16.3 | 61.0 | 5750.5 | 500.0 | -16.5 | -22.4 | 999.9 | 99.9 | 99.9 | 99.9 | 317.6 | 321.8 | 1.3 | 58.1 | 99.9 | 99.9 |
| 17.5 | 64.6 | 6139.2 | 475.0 | -19.2 | -26.4 | 996.9 | 99.9 | 99.9 | 99.9 | 319.2 | 322.5 | 1.0 | 52.4 | 99.9 | 99.9 |
| 18.8 | 67.9 | 6543.8 | 450.0 | -22.5 | -31.0 | 999.9 | 99.9 | 99.9 | 99.9 | 320.2 | 322.5 | 0.7 | 45.8 | 99.9 | 99.9 |
| 20.1 | 71.4 | 6966.4 | 425.0 | -25.7 | -50.1 | 254.7 | 34.6 | 33.4 | 9.2 | 321.5 | 321.8 | 0.1 | 6.1 | 19.9 | 70. |
| 21.4 | 75.3 | 7407.8 | 400.0 | -29.9 | -64.7 | 253.7 | 39.0 | 37.4 | 11.0 | 321.9 | 322.6 | 0.2 | 21.9 | 22.4 | 80. |
| 22.6 | 79.3 | 7872.8 | 375.0 | -31.1 | -68.5 | 250.4 | 42.2 | 39.8 | 14.2 | 322.8 | 327.0 | 0.0 | 4.7 | 25.2 | 73. |
| 23.7 | 83.2 | 8363.4 | 350.0 | -35.0 | -68.4 | 252.4 | 44.1 | 42.0 | 13.3 | 326.4 | 328.5 | 0.0 | 5.1 | 27.9 | 78. |
| 24.8 | 87.2 | 8864.5 | 325.0 | -38.0 | -63.3 | 256.3 | 45.3 | 44.1 | 10.7 | 330.4 | 330.5 | 0.0 | 5.6 | 31.4 | 78. |
| 26.0 | 91.4 | 9438.2 | 300.0 | -43.0 | 99.9 | 264.7 | 44.0 | 43.8 | 5.2 | 332.9 | 332.9 | 99.9 | 99.9 | 38.7 | 79. |
| 27.3 | 95.4 | 10030.2 | 275.0 | -46.3 | 99.9 | 263.0 | 42.9 | 42.6 | 10.2 | 335.4 | 335.4 | 99.9 | 99.9 | 42.6 | 79. |
| 28.8 | 101.2 | 10645.5 | 250.0 | -54.3 | 99.9 | 256.3 | 43.1 | 41.8 | 7.9 | 339.6 | 339.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| 30.3 | 106.3 | 11351.1 | 225.0 | -58.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 32.2 | 112.0 | 12049.2 | 200.0 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 34.9 | 118.9 | 12849.9 | 175.0 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 37.9 | 126.9 | 13849.9 | 150.0 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 40.9 | 135.9 | 14949.9 | 125.0 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 43.9 | 144.9 | 16049.9 | 100.0 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 46.9 | 153.9 | 17149.9 | 75.0 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 49.9 | 162.9 | 18249.9 | 50.0 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 52.9 | 171.9 | 19349.9 | 25.0 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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OF POOR QUALITY

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Sounding Data

25 April 1975

0600 GMT

GENERAL P. 111 B

ORIGINAL PAGE IS

STATION NO. 208
CHARLESTON, SC25 APRIL 1975
600 GMT

| TIME ..IN | CATCT | WEIGHT GFM | PRES MB | TEMP DG C | CEW PT DG C | DIR DC | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | 9. 0 |
|--------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|------|
| 0.0 | 4.5 | 13.0 | 1017.6 | 20.0 | 17.2 | 190.0 | 4.1 | 0.7 | 4.0 | 293.3 | 325.0 | 12.3 | 84.0 | 0.0 | 0.0 |
| 0.5 | 5.8 | 163.9 | 1000.0 | 19.5 | 16.3 | 211.7 | 12.5 | 6.6 | 10.7 | 294.2 | 324.8 | 11.7 | 81.5 | 0.3 | 1.0 |
| 1.4 | 6.0 | 361.9 | 975.0 | 19.0 | 13.0 | 214.2 | 10.8 | 9.4 | 13.8 | 295.6 | 321.3 | 9.7 | 68.0 | 1.1 | 2.9 |
| 2.3 | 10.2 | 605.2 | 950.0 | 18.4 | 12.2 | 220.5 | 14.6 | 9.5 | 11.1 | 297.2 | 322.4 | 9.5 | 67.0 | 1.9 | 3.2 |
| 3.3 | 12.3 | 834.4 | 925.0 | 18.1 | 12.3 | 241.9 | 11.6 | 10.2 | 5.5 | 299.1 | 325.4 | 9.8 | 69.0 | 2.7 | 3.7 |
| 4.1 | 14.5 | 1068.6 | 900.0 | 16.3 | 11.2 | 250.9 | 12.5 | 11.9 | 4.1 | 299.5 | 324.8 | 9.4 | 72.2 | 3.2 | 4.1 |
| 5.1 | 16.5 | 1308.2 | 875.0 | 14.4 | 10.5 | 256.4 | 12.3 | 12.0 | 2.9 | 300.0 | 324.8 | 9.2 | 77.0 | 3.8 | 4.8 |
| 6.1 | 18.9 | 1552.8 | 850.0 | 12.5 | 9.7 | 260.0 | 11.6 | 11.6 | 0.4 | 300.5 | 324.8 | 9.0 | 82.9 | 4.5 | 5.4 |
| 7.1 | 21.0 | 1803.5 | 825.0 | 11.7 | 8.2 | 276.9 | 13.3 | 13.3 | -0.2 | 302.1 | 324.9 | 8.3 | 79.1 | 5.0 | 5.8 |
| 8.1 | 23.5 | 2060.7 | 800.0 | 10.0 | 6.9 | 281.9 | 13.7 | 13.4 | -2.8 | 302.8 | 324.4 | 7.8 | 81.1 | 5.7 | 6.3 |
| 9.1 | 25.8 | 2324.8 | 775.0 | 9.5 | 3.8 | 284.0 | 13.4 | 12.9 | -3.7 | 304.6 | 323.2 | 6.5 | 67.5 | 6.3 | 6.8 |
| 10.2 | 28.2 | 2596.6 | 750.0 | 8.7 | -4.0 | 284.0 | 12.6 | 12.2 | -3.0 | 306.5 | 318.0 | 4.0 | 42.4 | 7.0 | 7.3 |
| 11.2 | 30.9 | 2876.9 | 725.0 | 8.5 | -20.2 | 287.7 | 13.1 | 12.7 | -3.1 | 308.9 | 312.3 | 1.1 | 11.1 | 7.7 | 7.5 |
| 12.4 | 33.4 | 3165.7 | 700.0 | 6.5 | -21.8 | 282.9 | 14.5 | 14.1 | -3.2 | 309.8 | 312.9 | 0.9 | 10.9 | 8.5 | 7.9 |
| 13.5 | 35.9 | 3462.5 | 675.0 | 4.0 | -20.4 | 280.5 | 15.6 | 15.3 | -2.8 | 310.3 | 313.9 | 1.1 | 14.8 | 9.5 | 8.1 |
| 14.7 | 38.6 | 3764.0 | 650.0 | 1.5 | -20.8 | 276.5 | 15.3 | 15.1 | -2.5 | 310.8 | 314.4 | 1.1 | 17.0 | 10.6 | 8.3 |
| 16.0 | 41.2 | 4082.4 | 625.0 | -0.8 | -17.4 | 277.0 | 15.0 | 14.9 | -1.8 | 311.7 | 316.6 | 1.6 | 27.0 | 11.7 | 8.4 |
| 17.3 | 44.1 | 4407.2 | 600.0 | -2.8 | -23.3 | 275.5 | 13.6 | 13.6 | -1.3 | 313.0 | 316.2 | 1.0 | 18.8 | 12.8 | 8.6 |
| 18.6 | 47.0 | 4742.7 | 575.0 | -5.4 | -28.0 | 268.3 | 12.0 | 12.0 | 0.1 | 313.7 | 316.3 | 0.8 | 17.9 | 13.8 | 8.6 |
| 20.2 | 50.1 | 5049.8 | 550.0 | -7.8 | -34.5 | 271.3 | 10.7 | 10.7 | -0.2 | 314.9 | 316.2 | 0.4 | 9.5 | 14.9 | 8.0 |
| 21.4 | 53.0 | 5450.2 | 525.0 | -9.1 | -44.5 | 272.2 | 9.4 | 9.4 | -0.4 | 317.4 | 317.9 | 0.1 | 3.7 | 15.6 | 8.6 |
| 23.0 | 56.0 | 5825.7 | 500.0 | -11.7 | -27.5 | 268.4 | 8.2 | 7.2 | -3.9 | 318.8 | 321.5 | 0.8 | 25.4 | 16.4 | 8.7 |
| 24.6 | 59.3 | 6216.9 | 475.0 | -14.4 | -32.3 | 259.3 | 11.3 | 10.0 | -5.4 | 320.2 | 322.0 | 0.5 | 20.1 | 17.2 | 9.0 |
| 26.6 | 62.7 | 6623.8 | 450.0 | -17.9 | -38.6 | 296.5 | 11.7 | 10.2 | -5.8 | 320.7 | 322.0 | 0.4 | 17.6 | 18.4 | 9.1 |
| 28.4 | 65.1 | 7048.1 | 425.0 | -21.6 | -38.3 | 301.4 | 13.8 | 11.8 | -7.2 | 321.2 | 322.4 | 0.3 | 20.4 | 19.6 | 9.3 |
| 30.4 | 69.7 | 7491.3 | 400.0 | -25.4 | -33.4 | 286.8 | 15.6 | 14.8 | -5.0 | 322.0 | 324.6 | 0.6 | 47.0 | 21.1 | 9.5 |
| 32.3 | 73.3 | 7956.0 | 375.0 | -29.5 | -33.7 | 295.0 | 15.4 | 13.9 | -6.5 | 322.6 | 324.6 | 0.6 | 68.3 | 23.0 | 9.6 |
| 34.3 | 77.2 | 8444.7 | 350.0 | -33.2 | -36.9 | 302.8 | 15.6 | 10.6 | -6.8 | 324.0 | 325.6 | 0.5 | 68.3 | 24.4 | 9.6 |
| 36.5 | 81.2 | 8961.1 | 325.0 | -37.8 | -41.6 | 300.7 | 14.2 | 12.2 | -7.3 | 324.6 | 325.6 | 0.3 | 67.1 | 25.1 | 9.6 |
| 38.9 | 85.4 | 9507.9 | 300.0 | -42.1 | -49.9 | 299.1 | 15.9 | 13.9 | -7.7 | 326.0 | 326.0 | 99.9 | 99.9 | 26.1 | 10.1 |
| 41.7 | 90.0 | 10091.1 | 275.0 | -46.4 | -58.9 | 285.2 | 17.6 | 17.0 | -4.6 | 328.0 | 328.0 | 99.9 | 99.9 | 30.8 | 10.2 |
| 44.7 | 94.8 | 10717.9 | 250.0 | -51.0 | -59.9 | 284.4 | 15.7 | 15.0 | -4.4 | 330.2 | 328.0 | 99.9 | 99.9 | 33.9 | 10.2 |
| 47.6 | 99.8 | 11395.0 | 225.0 | -56.0 | -59.9 | 287.0 | 18.4 | 18.0 | -5.5 | 332.7 | 328.0 | 99.9 | 99.9 | 36.4 | 10.3 |
| 50.9 | 105.0 | 12114.5 | 200.0 | -61.0 | -59.9 | 300.0 | 20.6 | 16.6 | -12.1 | 336.2 | 328.0 | 99.9 | 99.9 | 39.9 | 10.4 |
| 54.7 | 111.0 | 12960.9 | 175.0 | -62.3 | -59.9 | 301.3 | 24.8 | 21.2 | -12.9 | 347.1 | 328.0 | 99.9 | 99.9 | 43.9 | 10.6 |
| 59.1 | 117.3 | 13912.1 | 150.0 | -61.5 | -59.9 | 295.1 | 26.0 | 23.5 | -11.0 | 364.2 | 328.0 | 99.9 | 99.9 | 48.2 | 10.6 |
| 64.2 | 124.7 | 15045.5 | 125.0 | -63.1 | -59.9 | 280.3 | 23.0 | 22.6 | -4.1 | 380.7 | 328.0 | 99.9 | 99.9 | 52.5 | 10.8 |
| 70.4 | 132.7 | 16403.8 | 100.0 | -68.4 | -59.9 | 270.7 | 15.7 | 15.7 | -0.2 | 395.7 | 328.0 | 99.9 | 99.9 | 60.3 | 10.7 |
| 78.0 | 141.3 | 18122.9 | 75.0 | -68.4 | -59.9 | 257.0 | 9.2 | 8.2 | -4.2 | 429.5 | 328.0 | 99.9 | 99.9 | 68.0 | 10.6 |
| 88.3 | 150.5 | 20591.5 | 50.0 | -62.6 | -59.9 | 59.0 | 4.4 | -3.7 | -2.2 | 496.1 | 328.0 | 99.9 | 99.9 | 73.4 | 10.6 |
| 100.4 | 160.5 | 24962.4 | 25.0 | -54.3 | -59.9 | 63.2 | 3.0 | -2.7 | -1.3 | 628.6 | 328.0 | 99.9 | 99.9 | 76.7 | 10.6 |
| | | | | | | | | | | | | | | 76.6 | 10.7 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 211
TAMPA, FLA

25 APRIL 1975
530 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T OG K | E POT T OG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.7 | 6.0 | 1019.4 | 19.8 | 17.4 | 60.0 | 1.5 | -1.3 | -0.7 | 293.0 | 324.9 | 12.4 | 86.0 | 0.0 | 0. |
| 0.6 | 6.2 | 174.3 | 1000.0 | 20.7 | 16.0 | 130.3 | 8.7 | -5.8 | 6.5 | 295.4 | 325.7 | 11.6 | 74.5 | 0.1 | 263. |
| 1.4 | 8.5 | 304.0 | 975.0 | 20.8 | 14.2 | 147.6 | 8.5 | -4.6 | 7.2 | 297.5 | 325.4 | 10.5 | 66.1 | 0.5 | 311. |
| 2.3 | 10.7 | 610.4 | 950.0 | 19.4 | 13.1 | 161.4 | 6.5 | -2.1 | 6.2 | 298.2 | 325.0 | 10.0 | 66.9 | 0.9 | 322. |
| 3.2 | 13.0 | 847.4 | 925.0 | 17.4 | 13.4 | 167.8 | 6.6 | -1.4 | 6.5 | 298.5 | 326.6 | 10.5 | 77.2 | 1.2 | 328. |
| 4.2 | 15.3 | 1081.7 | 900.0 | 15.9 | 12.7 | 183.1 | 5.4 | 0.3 | 5.4 | 299.3 | 327.0 | 10.4 | 81.3 | 1.6 | 334. |
| 5.3 | 17.6 | 1321.2 | 875.0 | 15.0 | 9.9 | 184.9 | 3.6 | 0.3 | 3.6 | 300.6 | 324.5 | 8.8 | 71.5 | 1.8 | 338. |
| 6.2 | 20.1 | 1560.3 | 850.0 | 13.0 | 9.7 | 192.4 | 3.7 | 1.2 | 3.5 | 300.9 | 325.3 | 9.0 | 80.6 | 2.0 | 342. |
| 7.2 | 22.3 | 1817.2 | 825.0 | 11.4 | 7.7 | 209.6 | 3.6 | 1.5 | 3.2 | 301.7 | 323.7 | 8.0 | 78.1 | 2.2 | 346. |
| 8.3 | 24.9 | 2074.6 | 800.0 | 12.1 | 1.0 | 66.8 | 0.9 | -0.8 | -0.4 | 304.8 | 319.5 | 5.2 | 46.5 | 2.3 | 347. |
| 9.3 | 27.2 | 2340.3 | 775.0 | 11.6 | -10.0 | 70.1 | 5.5 | -5.2 | -1.9 | 306.6 | 313.6 | 2.3 | 21.1 | 2.2 | 347. |
| 10.3 | 29.9 | 2613.9 | 750.0 | 10.9 | -4.8 | 67.0 | 8.0 | -7.4 | -3.1 | 308.9 | 310.5 | 3.6 | 32.9 | 2.3 | 331. |
| 11.4 | 32.6 | 2896.4 | 725.0 | 9.9 | -4.4 | 53.9 | 8.0 | -6.4 | -4.7 | 310.8 | 322.1 | 3.8 | 36.5 | 2.3 | 316. |
| 12.5 | 35.2 | 3186.6 | 700.0 | 7.7 | -4.3 | 43.8 | 7.8 | -5.4 | -5.7 | 311.5 | 323.4 | 4.0 | 42.4 | 2.4 | 305. |
| 13.7 | 37.9 | 3485.4 | 675.0 | 5.6 | -5.9 | 40.2 | 8.8 | -5.7 | -6.7 | 312.3 | 323.3 | 3.7 | 43.3 | 2.5 | 290. |
| 15.0 | 40.5 | 3793.2 | 650.0 | 3.7 | -8.8 | 43.3 | 7.2 | -5.4 | -4.8 | 313.5 | 322.7 | 3.0 | 39.4 | 2.8 | 279. |
| 16.2 | 43.3 | 4110.4 | 625.0 | 1.4 | -10.0 | 36.7 | 5.8 | -3.5 | -4.7 | 314.4 | 323.2 | 2.9 | 42.5 | 3.1 | 273. |
| 17.4 | 46.3 | 4437.9 | 600.0 | -0.6 | -11.7 | 13.5 | 7.3 | -1.7 | -7.1 | 315.7 | 323.8 | 2.6 | 42.7 | 3.4 | 265. |
| 18.6 | 49.3 | 4777.6 | 575.0 | -1.9 | -13.7 | 348.7 | 7.4 | 1.5 | -7.3 | 318.0 | 325.3 | 2.3 | 40.2 | 3.5 | 254. |
| 20.1 | 52.1 | 5130.0 | 550.0 | -3.9 | -17.4 | 332.4 | 7.7 | 3.5 | -6.8 | 319.7 | 325.4 | 1.8 | 34.1 | 3.4 | 245. |
| 21.5 | 55.3 | 5493.2 | 525.0 | -7.2 | -18.1 | 326.1 | 7.3 | 4.1 | -6.1 | 319.9 | 325.6 | 1.7 | 41.2 | 3.4 | 234. |
| 22.8 | 58.4 | 5873.2 | 500.0 | -10.4 | -21.2 | 320.2 | 6.8 | 3.5 | -5.5 | 320.5 | 325.1 | 1.4 | 40.6 | 3.5 | 225. |
| 24.4 | 61.6 | 6265.5 | 475.0 | -13.7 | -23.9 | 331.2 | 7.6 | 3.7 | -6.7 | 321.1 | 324.9 | 1.2 | 41.9 | 3.7 | 215. |
| 25.8 | 65.1 | 6673.6 | 450.0 | -17.3 | -24.0 | 328.7 | 7.2 | 3.8 | -6.2 | 321.6 | 325.6 | 1.2 | 55.7 | 4.1 | 207. |
| 27.5 | 68.6 | 7095.3 | 425.0 | -20.7 | -25.6 | 312.1 | 10.2 | 7.6 | -6.8 | 322.2 | 326.2 | 1.1 | 64.5 | 4.5 | 197. |
| 29.2 | 72.0 | 7544.5 | 400.0 | -24.5 | -28.1 | 302.8 | 12.7 | 13.3 | -6.9 | 323.2 | 326.3 | 0.9 | 71.6 | 5.0 | 184. |
| 31.1 | 75.8 | 8012.0 | 375.0 | -27.4 | -37.3 | 302.6 | 15.7 | 13.3 | -8.5 | 325.3 | 326.8 | 0.4 | 38.3 | 6.0 | 170. |
| 33.1 | 79.7 | 8505.0 | 350.0 | -31.2 | -43.3 | 297.7 | 19.4 | 17.2 | -9.0 | 326.6 | 327.5 | 0.2 | 29.1 | 7.4 | 158. |
| 35.0 | 83.5 | 9025.9 | 325.0 | -34.6 | 99.9 | 303.8 | 18.6 | 15.4 | -10.4 | 329.1 | 999.9 | 99.9 | 99.9 | 9.5 | 149. |
| 37.3 | 87.7 | 9579.9 | 300.0 | -38.9 | 99.9 | 309.8 | 19.3 | 14.8 | -12.4 | 330.6 | 999.9 | 99.9 | 99.9 | 11.7 | 145. |
| 39.6 | 92.2 | 10171.1 | 275.0 | -43.6 | 99.9 | 312.1 | 23.0 | 17.1 | -15.4 | 332.0 | 999.9 | 99.9 | 99.9 | 14.3 | 142. |
| 42.1 | 96.8 | 10804.4 | 250.0 | -48.8 | 99.9 | 314.8 | 30.5 | 21.7 | -21.5 | 333.6 | 999.9 | 99.9 | 99.9 | 18.4 | 140. |
| 44.9 | 101.8 | 11493.3 | 225.0 | -54.0 | 99.9 | 311.3 | 33.8 | 25.4 | -22.3 | 335.2 | 999.9 | 99.9 | 99.9 | 23.8 | 136. |
| 47.9 | 107.3 | 12233.3 | 200.0 | -60.6 | 99.9 | 309.9 | 36.0 | 27.7 | -22.9 | 336.9 | 999.9 | 99.9 | 99.9 | 30.1 | 137. |
| 51.3 | 113.0 | 13054.3 | 175.0 | -65.3 | 99.9 | 308.3 | 28.6 | 24.7 | -14.5 | 342.2 | 999.9 | 99.9 | 99.9 | 36.6 | 135. |
| 55.0 | 119.5 | 14004.5 | 150.0 | -61.6 | 99.9 | 301.6 | 21.8 | 18.6 | -11.4 | 344.0 | 999.9 | 99.9 | 99.9 | 42.9 | 133. |
| 59.5 | 126.7 | 15123.8 | 125.0 | -65.8 | 99.9 | 276.9 | 20.3 | 20.2 | -2.4 | 375.8 | 999.9 | 99.9 | 99.9 | 47.2 | 129. |
| 64.8 | 135.0 | 16455.7 | 100.0 | -72.2 | 99.9 | 271.9 | 12.1 | 12.1 | -0.4 | 388.3 | 999.9 | 99.9 | 99.9 | 52.4 | 127. |
| 71.2 | 143.3 | 18142.7 | 75.0 | -72.7 | 99.9 | 312.7 | 6.0 | 4.4 | -4.1 | 420.6 | 999.9 | 99.9 | 99.9 | 55.9 | 126. |
| 80.3 | 153.3 | 20580.4 | 50.0 | -63.7 | 99.9 | 26.0 | 5.4 | -2.3 | -4.8 | 423.5 | 999.9 | 99.9 | 99.9 | 56.9 | 127. |
| 95.5 | 164.5 | 24961.3 | 25.0 | -53.6 | 99.9 | 83.5 | 4.8 | -4.7 | -0.5 | 630.9 | 999.9 | 99.9 | 99.9 | 56.7 | 130. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 213
WAYCROSS, GA

25 APRIL 1975
600 GMT

| TIME MIN | CATC | REL. V. MPH | PRES MB | TEMP DG C | CEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX ATO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|----------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 3.8 | 12.4 | 1013.0 | 17.5 | 16.5 | 180.0 | 2.1 | 0.0 | 2.1 | 291.1 | 321.4 | 11.8 | 98.0 | 0.0 | 0. |
| 0.4 | 4.8 | 12.4 | 1000.0 | 20.8 | 16.5 | 187.7 | 3.5 | 0.5 | 3.5 | 295.5 | 326.8 | 12.0 | 76.8 | 0.2 | 5. |
| 1.3 | 6.7 | 12.4 | 975.0 | 20.6 | 11.2 | 225.0 | 5.2 | 3.7 | 3.7 | 297.0 | 320.1 | 8.6 | 55.0 | 0.3 | 17. |
| 2.0 | 8.8 | 12.4 | 950.0 | 20.6 | 11.4 | 228.0 | 6.0 | 6.0 | 5.3 | 295.4 | 323.5 | 9.0 | 55.4 | 0.6 | 31. |
| 2.8 | 10.8 | 12.4 | 925.0 | 19.1 | 12.1 | 220.8 | 7.6 | 5.0 | 5.7 | 300.1 | 326.1 | 9.6 | 63.7 | 1.0 | 38. |
| 3.6 | 12.8 | 12.4 | 900.0 | 17.2 | 11.1 | 215.4 | 7.8 | 4.5 | 6.4 | 300.5 | 325.6 | 9.3 | 67.3 | 1.4 | 37. |
| 4.6 | 15.1 | 12.4 | 875.0 | 14.9 | 9.7 | 222.9 | 9.1 | 6.2 | 6.7 | 300.4 | 324.0 | 8.7 | 71.3 | 1.9 | 36. |
| 5.4 | 17.3 | 12.4 | 850.0 | 12.7 | 2.1 | 225.7 | 9.7 | 8.0 | 5.5 | 301.2 | 316.2 | 5.4 | 46.3 | 2.3 | 40. |
| 6.3 | 19.6 | 12.4 | 825.0 | 12.8 | -17.0 | 222.9 | 8.2 | 7.8 | 2.4 | 302.3 | 306.1 | 1.2 | 11.0 | 2.8 | 44. |
| 7.2 | 21.7 | 12.4 | 800.0 | 12.4 | -6.1 | 228.0 | 6.9 | 6.9 | 0.2 | 305.0 | 316.8 | 4.1 | 36.5 | 3.1 | 46. |
| 8.1 | 24.1 | 12.4 | 775.0 | 11.6 | -2.5 | 227.6 | 5.6 | 5.4 | -1.7 | 306.8 | 314.9 | 4.1 | 37.2 | 3.3 | 54. |
| 9.0 | 26.3 | 12.4 | 750.0 | 10.8 | -13.6 | 224.4 | 6.1 | 6.1 | -0.5 | 308.5 | 314.3 | 1.9 | 17.4 | 3.5 | 57. |
| 10.0 | 28.9 | 12.4 | 725.0 | 10.1 | -7.9 | 229.2 | 6.7 | 6.7 | 0.1 | 310.9 | 320.1 | 3.0 | 28.5 | 3.9 | 61. |
| 10.9 | 31.3 | 12.4 | 700.0 | 7.9 | -11.9 | 224.1 | 8.0 | 7.7 | -1.9 | 311.5 | 319.3 | 2.2 | 23.7 | 4.1 | 63. |
| 12.0 | 34.0 | 12.4 | 675.0 | 6.0 | -15.0 | 301.4 | 10.2 | 8.7 | -5.3 | 312.6 | 319.1 | 1.8 | 20.3 | 4.6 | 69. |
| 13.0 | 36.4 | 12.4 | 650.0 | 4.2 | -32.7 | 310.3 | 9.0 | 6.9 | -5.8 | 313.2 | 315.9 | 0.6 | 6.2 | 4.9 | 75. |
| 14.1 | 39.2 | 12.4 | 625.0 | 1.8 | -48.8 | 319.4 | 8.3 | 5.4 | -6.3 | 314.5 | 314.8 | 0.1 | 1.0 | 5.2 | 80. |
| 15.1 | 41.8 | 12.4 | 600.0 | -1.1 | -50.6 | 316.9 | 7.6 | 5.2 | -5.6 | 314.2 | 315.1 | 0.1 | 1.0 | 5.5 | 85. |
| 16.3 | 44.7 | 12.4 | 575.0 | -4.2 | -52.6 | 310.1 | 6.3 | 4.8 | -4.0 | 315.0 | 315.2 | 0.0 | 1.0 | 5.8 | 96. |
| 17.4 | 47.7 | 12.4 | 550.0 | -7.0 | -54.3 | 313.9 | 8.2 | 5.9 | -5.7 | 315.8 | 316.0 | 0.0 | 1.0 | 6.1 | 91. |
| 18.6 | 50.9 | 12.4 | 525.0 | -9.1 | -55.7 | 313.1 | 9.2 | 6.7 | -7.2 | 317.5 | 317.6 | 0.0 | 1.0 | 6.6 | 95. |
| 19.9 | 53.8 | 12.4 | 500.0 | -11.9 | -57.5 | 307.5 | 7.9 | 6.3 | -4.8 | 318.4 | 318.6 | 0.0 | 1.0 | 7.2 | 98. |
| 21.2 | 56.6 | 12.4 | 475.0 | -15.3 | -59.6 | 297.9 | 8.9 | 7.9 | -4.2 | 319.0 | 319.1 | 0.0 | 1.0 | 7.9 | 100. |
| 22.7 | 60.1 | 12.4 | 450.0 | -18.4 | -61.6 | 250.1 | 11.2 | 10.5 | -3.8 | 320.0 | 320.1 | 0.0 | 1.0 | 8.6 | 101. |
| 24.1 | 63.7 | 12.4 | 425.0 | -21.2 | -63.4 | 287.8 | 14.9 | 14.2 | -4.6 | 321.7 | 321.8 | 0.0 | 1.0 | 9.7 | 102. |
| 25.8 | 67.1 | 12.4 | 400.0 | -24.7 | -65.7 | 287.1 | 15.2 | 14.5 | -4.7 | 322.8 | 322.9 | 0.0 | 1.0 | 11.3 | 103. |
| 27.4 | 70.8 | 12.4 | 375.0 | -28.5 | -68.2 | 281.2 | 16.1 | 15.0 | -5.8 | 323.8 | 323.9 | 0.0 | 1.0 | 12.7 | 104. |
| 29.1 | 74.8 | 12.4 | 350.0 | -32.6 | -70.8 | 287.1 | 17.8 | 17.0 | -5.2 | 324.8 | 324.8 | 0.0 | 1.0 | 14.5 | 104. |
| 30.9 | 79.0 | 12.4 | 325.0 | -36.7 | -71.3 | 290.1 | 18.7 | 17.6 | -6.4 | 326.0 | 326.0 | 0.0 | 1.4 | 16.5 | 105. |
| 32.9 | 83.2 | 12.4 | 300.0 | -40.8 | 99.9 | 296.3 | 20.7 | 18.5 | -9.1 | 327.8 | 327.8 | 99.9 | 99.9 | 18.7 | 106. |
| 34.3 | 87.6 | 12.4 | 275.0 | -44.6 | 99.9 | 301.3 | 23.1 | 19.7 | -12.0 | 330.7 | 330.7 | 99.9 | 99.9 | 21.1 | 106. |
| 37.0 | 92.8 | 12.4 | 250.0 | -49.6 | 99.9 | 310.9 | 31.0 | 23.4 | -20.3 | 332.3 | 332.3 | 99.9 | 99.9 | 24.5 | 110. |
| 39.4 | 94.9 | 12.4 | 225.0 | -55.4 | 99.9 | 305.9 | 35.7 | 28.9 | -20.9 | 333.6 | 333.6 | 99.9 | 99.9 | 28.9 | 113. |
| 42.1 | 103.5 | 12.4 | 200.0 | -60.8 | 99.9 | 305.4 | 37.7 | 30.8 | -21.9 | 334.6 | 334.6 | 99.9 | 99.9 | 34.6 | 115. |
| 45.1 | 110.0 | 12.4 | 175.0 | -62.9 | 99.9 | 292.5 | 26.8 | 24.7 | -10.3 | 336.2 | 336.2 | 99.9 | 99.9 | 41.0 | 116. |
| 48.5 | 116.7 | 12.4 | 150.0 | -63.3 | 99.9 | 290.1 | 25.9 | 24.4 | -8.9 | 366.2 | 366.2 | 99.9 | 99.9 | 46.4 | 115. |
| 52.6 | 124.7 | 12.4 | 125.0 | -63.0 | 99.9 | 284.0 | 24.6 | 23.8 | -6.0 | 360.9 | 360.9 | 99.9 | 99.9 | 51.6 | 113. |
| 57.2 | 133.3 | 12.4 | 100.0 | -63.3 | 99.9 | 278.5 | 13.4 | 13.2 | -2.0 | 393.8 | 393.8 | 99.9 | 99.9 | 56.4 | 113. |
| 62.5 | 142.3 | 12.4 | 75.0 | -68.2 | 99.9 | 264.6 | 8.0 | 8.0 | 0.2 | 430.0 | 430.0 | 99.9 | 99.9 | 60.3 | 112. |
| 70.4 | 152.5 | 12.4 | 50.0 | -61.8 | 99.9 | 2.5 | 4.6 | -0.2 | -4.8 | 497.8 | 497.8 | 99.9 | 99.9 | 62.0 | 113. |
| 82.9 | 163.3 | 12.4 | 25.0 | -52.6 | 99.9 | 367.9 | 2.7 | 2.1 | -1.7 | 633.5 | 633.5 | 99.9 | 99.9 | 61.4 | 114. |

• BY SPEED MEAN. ELEVATION ANGLE BETWEEN 6 AND 10 DEG
• BY TEMP MEAN. TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
• BY SPEED MEAN. ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 220
APALACHICOLA, FLA

25 APRIL 1975
515 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCOMP M/SEC | PQT T DG K | E POT T DG K | MM RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|------------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.8 | 11.0 | 1018.4 | 17.8 | 17.0 | 360.0 | 0.0 | 0.0 | 0.0 | 291.0 | 322.0 | 12.1 | 99.0 | 0.0 | 0. |
| 0.5 | 6.1 | 108.4 | 1000.0 | 20.4 | 15.1 | 166.7 | 3.4 | -0.8 | 3.3 | 295.0 | 323.7 | 11.0 | 72.6 | 0.1 | 351. |
| 1.4 | 6.3 | 387.9 | 975.0 | 22.2 | 5.1 | 175.7 | 4.4 | -0.3 | 4.4 | 298.3 | 314.0 | 5.7 | 32.8 | 0.3 | 350. |
| 2. | 12.4 | 613.0 | 950.0 | 21.1 | 5.4 | 177.8 | 4.6 | -0.2 | 4.6 | 299.5 | 315.9 | 5.9 | 35.8 | 0.5 | 353. |
| 2.4 | 12.5 | 843.3 | 925.0 | 19.8 | 4.3 | 175.9 | 4.0 | -0.3 | 4.0 | 300.6 | 316.3 | 5.7 | 36.4 | 0.7 | 354. |
| 3.6 | 14.8 | 1078.3 | 900.0 | 17.7 | 5.7 | 176.6 | 4.5 | -0.1 | 4.5 | 300.6 | 318.4 | 6.4 | 45.6 | 0.9 | 355. |
| 4.4 | 16.9 | 1316.7 | 875.0 | 16.5 | 4.0 | 180.6 | 5.5 | 0.1 | 5.5 | 301.7 | 318.0 | 5.8 | 43.3 | 1.1 | 356. |
| 5.3 | 19.3 | 1555.1 | 850.0 | 15.7 | -5.7 | 188.6 | 6.6 | 1.0 | 6.5 | 303.0 | 311.6 | 3.0 | 22.5 | 1.5 | 358. |
| 6.1 | 21.4 | 1817.9 | 825.0 | 15.0 | -7.1 | 194.2 | 5.0 | 1.2 | 4.9 | 304.5 | 314.6 | 3.4 | 20.4 | 1.8 | 0. |
| 7.2 | 23.9 | 2077.3 | 800.0 | 13.1 | 2.6 | 219.1 | 2.8 | 1.8 | 2.2 | 305.9 | 322.3 | 5.8 | 48.7 | 1.9 | 3. |
| 8.0 | 26.2 | 2344.2 | 775.0 | 13.1 | -6.6 | 217.2 | 2.9 | 1.8 | 2.3 | 308.3 | 317.5 | 3.1 | 25.6 | 2.0 | 6. |
| 9.0 | 28.7 | 2619.4 | 750.0 | 12.6 | -11.5 | 209.8 | 3.0 | 1.5 | 2.6 | 310.5 | 317.1 | 2.1 | 17.5 | 2.2 | 8. |
| 10.0 | 31.3 | 2903.0 | 725.0 | 11.2 | -12.3 | 191.9 | 3.7 | 0.8 | 3.6 | 312.0 | 316.4 | 2.1 | 18.0 | 2.4 | 9. |
| 11.1 | 34.0 | 3194.3 | 700.0 | 8.8 | -5.4 | 200.9 | 2.6 | 0.9 | 2.4 | 312.7 | 323.6 | 3.6 | 36.1 | 2.7 | 10. |
| 12.1 | 36.5 | 3454.7 | 675.0 | 7.5 | -11.3 | 280.6 | 1.9 | 1.9 | -0.4 | 314.4 | 321.7 | 2.4 | 24.8 | 2.7 | 13. |
| 13.1 | 39.2 | 3803.9 | 650.0 | 4.7 | -11.8 | 330.3 | 3.1 | 1.5 | -2.7 | 314.6 | 322.0 | 2.4 | 29.0 | 2.7 | 16. |
| 14.2 | 41.9 | 4122.0 | 625.0 | 2.0 | -10.2 | 351.9 | 5.2 | 0.7 | -5.1 | 315.1 | 323.7 | 2.8 | 39.9 | 2.4 | 16. |
| 15.2 | 44.8 | 4450.1 | 600.0 | -0.6 | -10.0 | 351.7 | 6.6 | 1.0 | -6.5 | 315.8 | 325.0 | 3.0 | 49.1 | 2.1 | 20. |
| 16.5 | 47.8 | 4782.8 | 575.0 | -3.4 | -11.4 | 332.8 | 6.0 | 2.7 | -5.3 | 316.3 | 324.9 | 2.8 | 53.9 | 1.7 | 30. |
| 17.8 | 50.7 | 5139.5 | 550.0 | -5.3 | -12.9 | 319.4 | 6.5 | 4.2 | -4.9 | 318.1 | 326.1 | 2.6 | 55.0 | 1.6 | 45. |
| 19.1 | 53.6 | 5503.2 | 525.0 | -7.8 | -14.7 | 323.8 | 6.8 | 4.0 | -5.5 | 319.3 | 326.7 | 2.3 | 57.6 | 1.6 | 66. |
| 20.4 | 56.6 | 5860.7 | 500.0 | -11.0 | -19.7 | 314.8 | 7.5 | 5.3 | -5.3 | 319.6 | 325.0 | 1.4 | 48.4 | 1.8 | 82. |
| 21.7 | 59.9 | 6272.9 | 475.0 | -13.1 | -23.6 | 299.5 | 9.5 | 8.3 | -4.7 | 321.2 | 325.8 | 1.2 | 41.1 | 2.3 | 94. |
| 23.3 | 63.3 | 6682.3 | 450.0 | -16.6 | -28.7 | 291.4 | 10.4 | 9.7 | -3.8 | 322.5 | 325.2 | 0.8 | 33.9 | 3.2 | 99. |
| 24.8 | 66.5 | 7109.2 | 425.0 | -20.3 | -28.6 | 285.6 | 11.4 | 10.7 | -3.8 | 323.0 | 325.9 | 0.8 | 47.1 | 4.2 | 102. |
| 26.3 | 70.1 | 7554.7 | 400.0 | -24.1 | -31.5 | 294.5 | 15.2 | 13.9 | -6.3 | 323.7 | 326.0 | 0.7 | 50.1 | 5.3 | 104. |
| 27.9 | 73.7 | 8022.5 | 375.0 | -26.7 | -31.5 | 297.6 | 16.2 | 14.3 | -7.5 | 326.4 | 326.9 | 0.1 | 9.9 | 6.9 | 107. |
| 29.7 | 77.8 | 8517.1 | 350.0 | -30 | 53.0 | 300.6 | 17.5 | 15.1 | -8.9 | 328.0 | 328.3 | 0.1 | 8.6 | 8.6 | 110. |
| 31.6 | 81.8 | 9039.5 | 325.0 | -34. | -55.9 | 301.0 | 17.3 | 14.8 | -8.9 | 329.3 | 329.5 | 0.1 | 9.0 | 10.7 | 112. |
| 33.6 | 86.0 | 9544.3 | 300.0 | -38.3 | -58.7 | 310.6 | 19.7 | 15.0 | -12.8 | 331.3 | 331.5 | 0.0 | 9.4 | 12.7 | 114. |
| 35.7 | 90.5 | 10186.9 | 275.0 | -43.2 | 99.9 | 323.0 | 25.9 | 15.6 | -20.7 | 332.7 | 999.9 | 99.9 | 99.9 | 15.3 | 118. |
| 37.9 | 95.3 | 10822.9 | 250.0 | -47.7 | 99.9 | 316.5 | 31.4 | 21.2 | -25.8 | 335.2 | 999.9 | 99.9 | 99.9 | 19.1 | 122. |
| 40.6 | 100.4 | 11555.4 | 225.0 | -53.7 | 99.9 | 320.2 | 26.0 | 16.6 | -20.0 | 336.2 | 999.9 | 99.9 | 99.9 | 24.1 | 125. |
| 43.7 | 106.0 | 12250.8 | 200.0 | -60.5 | 99.9 | 318.5 | 31.0 | 20.5 | -23.2 | 337.0 | 999.9 | 99.9 | 99.9 | 28.9 | 128. |
| 46.7 | 112.0 | 13074.9 | 175.0 | -65.4 | 99.9 | 321.7 | 31.8 | 19.7 | -24.9 | 342.1 | 999.9 | 99.9 | 99.9 | 34.7 | 130. |
| 50.3 | 118.5 | 14019.0 | 150.0 | -62.4 | 99.9 | 304.2 | 27.7 | 22.9 | -15.6 | 362.6 | 999.9 | 99.9 | 99.9 | 40.4 | 129. |
| 54.7 | 126.0 | 15144.4 | 125.0 | -64.6 | 99.9 | 296.9 | 20.6 | 16.4 | -5.3 | 376.0 | 999.9 | 99.9 | 99.9 | 46.3 | 128. |
| 59.7 | 134.7 | 16488.5 | 100.0 | -70.6 | 99.9 | 283.2 | 14.7 | 14.3 | -3.4 | 391.4 | 999.9 | 99.9 | 99.9 | 50.9 | 127. |
| 65.4 | 143.0 | 18194.7 | 75.0 | -71.1 | 99.9 | 294.1 | 6.9 | 6.3 | -2.8 | 423.9 | 999.9 | 99.9 | 99.9 | 55.3 | 126. |
| 74.0 | 152.0 | 20654.3 | 50.0 | -61.8 | 99.9 | 110.7 | 4.8 | -4.5 | 1.7 | 457.9 | 999.9 | 99.9 | 99.9 | 56.8 | 126. |
| 89.0 | 163.3 | 25055.6 | 25.0 | -53.3 | 99.9 | 140.9 | 1.3 | -0.8 | 1.0 | 632.0 | 999.9 | 99.9 | 99.9 | 55.5 | 128. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 226
CENTERVILLE, ALA

25 APRIL 1975
515 GMT

104 19. 9

| TIME MIN | CRCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR CG | SPEED M/SEC | U COMP M/SEC | V CCHP M/SEC | POT T DG K | E POT T DG K | MX RTC GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.8 | 140.0 | 1000.7 | 20.8 | 19.6 | 200.0 | 5.1 | 1.7 | 4.6 | 255.8 | 233.6 | 14.6 | 93.0 | 0.0 | 0. |
| 0.0 | 5.9 | 146.1 | 1000.0 | 20.9 | 19.3 | 201.2 | 10.3 | 3.7 | 9.6 | 295.9 | 331.0 | 14.3 | 90.7 | 0.1 | 4. |
| 1.2 | 6.4 | 366.0 | 975.0 | 20.4 | 18.7 | 204.0 | 16.5 | 6.7 | 15.1 | 267.5 | 334.4 | 14.1 | 90.1 | 0.4 | 21. |
| 2.4 | 10.8 | 590.3 | 950.0 | 18.2 | 16.7 | 207.5 | 16.3 | 7.5 | 14.5 | 267.4 | 330.8 | 12.7 | 90.8 | 2.0 | 25. |
| 3.5 | 13.2 | 818.6 | 925.0 | 16.2 | 10.2 | 212.3 | 16.8 | 9.0 | 14.2 | 267.0 | 319.8 | 8.5 | 67.7 | 3.1 | 24. |
| 4.5 | 15.6 | 1052.8 | 900.0 | 16.0 | 9.2 | 215.9 | 13.9 | 8.2 | 11.3 | 301.1 | 323.4 | 8.2 | 56.5 | 4.0 | 20. |
| 5.6 | 18.1 | 1293.5 | 875.0 | 16.4 | 8.9 | 223.5 | 10.4 | 7.2 | 7.6 | 301.9 | 324.4 | 8.2 | 61.3 | 4.8 | 30. |
| 6.7 | 20.6 | 1540.2 | 850.0 | 15.3 | 7.4 | 223.0 | 10.5 | 7.2 | 7.7 | 303.1 | 324.3 | 7.6 | 59.4 | 5.5 | 32. |
| 7.4 | 23.2 | 1792.8 | 825.0 | 14.0 | 5.5 | 221.3 | 8.8 | 6.9 | 5.5 | 304.4 | 323.7 | 6.9 | 56.6 | 6.1 | 33. |
| 9.0 | 25.7 | 2052.0 | 800.0 | 12.4 | 3.4 | 226.2 | 11.3 | 8.4 | 7.5 | 305.2 | 322.5 | 6.1 | 53.9 | 6.4 | 35. |
| 10.1 | 28.4 | 2317.5 | 775.0 | 10.3 | -3.4 | 224.7 | 10.8 | 7.6 | 7.7 | 305.5 | 317.4 | 4.2 | 40.6 | 7.5 | 36. |
| 11.1 | 31.2 | 2585.7 | 750.0 | 9.0 | -15.3 | 223.0 | 9.5 | 6.5 | 7.0 | 306.6 | 311.4 | 1.6 | 16.3 | 8.2 | 37. |
| 12.3 | 34.1 | 2855.2 | 725.0 | 7.2 | -22.6 | 224.0 | 11.8 | 8.2 | 8.5 | 307.4 | 310.2 | 0.9 | 10.1 | 8.8 | 37. |
| 13.6 | 36.8 | 3157.2 | 700.0 | 6.8 | -45.7 | 213.6 | 15.7 | 12.7 | 9.3 | 310.0 | 310.4 | 0.1 | 1.0 | 9.8 | 36. |
| 14.4 | 38.7 | 3455.4 | 675.0 | 4.2 | -46.1 | 244.8 | 17.4 | 15.6 | 7.4 | 312.6 | 312.9 | 0.1 | 1.0 | 11.1 | 40. |
| 16.1 | 42.5 | 3763.3 | 650.0 | 4.4 | -45.0 | 257.7 | 17.9 | 17.4 | 3.8 | 314.0 | 314.3 | 0.1 | 1.3 | 12.2 | 44. |
| 17.3 | 45.5 | 4080.9 | 625.0 | 1.9 | -33.5 | 257.4 | 16.5 | 16.1 | 3.6 | 314.7 | 315.9 | 0.4 | 5.1 | 13.3 | 47. |
| 18.5 | 48.4 | 4404.0 | 600.0 | -1.1 | -26.9 | 253.4 | 14.3 | 13.7 | 4.1 | 314.9 | 317.2 | 0.7 | 12.0 | 14.3 | 47. |
| 19.3 | 51.5 | 4745.6 | 575.0 | -3.7 | -52.3 | 256.4 | 13.8 | 13.4 | 3.2 | 315.7 | 315.8 | 0.1 | 1.0 | 15.4 | 51. |
| 21.2 | 54.8 | 5094.2 | 550.0 | -7.1 | -46.9 | 267.5 | 12.9 | 12.9 | 0.6 | 315.7 | 316.1 | 0.1 | 2.6 | 16.3 | 53. |
| 22.6 | 57.9 | 5454.4 | 525.0 | -10.4 | -31.9 | 271.0 | 12.8 | 12.8 | -0.2 | 315.9 | 317.6 | 0.5 | 15.2 | 17.1 | 55. |
| 24.1 | 61.3 | 5827.2 | 500.0 | -14.1 | -35.9 | 260.4 | 15.7 | 15.4 | -2.8 | 315.9 | 317.9 | 0.6 | 24.2 | 18.1 | 57. |
| 25.7 | 64.7 | 6215.9 | 475.0 | -15.4 | -59.7 | 277.7 | 17.5 | 17.4 | -2.3 | 318.9 | 319.0 | 0.0 | 1.0 | 19.3 | 61. |
| 27.3 | 68.1 | 6621.6 | 450.0 | -18.1 | -61.4 | 276.3 | 16.7 | 16.6 | -1.8 | 320.5 | 320.6 | 0.0 | 1.0 | 20.7 | 64. |
| 28.9 | 71.6 | 7046.2 | 425.0 | -21.1 | -63.3 | 271.6 | 20.7 | 20.7 | -0.6 | 321.9 | 322.0 | 0.0 | 1.0 | 22.2 | 64. |
| 30.4 | 75.4 | 7491.4 | 400.0 | -24.1 | -65.3 | 273.2 | 23.0 | 24.9 | -1.3 | 323.6 | 323.7 | 0.0 | 1.0 | 24.0 | 64. |
| 32.0 | 78.3 | 7938.8 | 375.0 | -27.8 | -67.7 | 277.0 | 22.8 | 22.7 | -2.8 | 324.7 | 324.7 | 0.0 | 1.0 | 26.0 | 70. |
| 33.8 | 82.2 | 8450.6 | 350.0 | -31.7 | -70.2 | 270.9 | 25.0 | 23.0 | -0.4 | 325.5 | 325.9 | 0.0 | 1.0 | 28.5 | 72. |
| 35.4 | 87.3 | 8970.1 | 325.0 | -35.8 | -73.0 | 263.9 | 23.6 | 23.5 | 2.5 | 327.3 | 327.3 | 0.0 | 1.0 | 31.0 | 74. |
| 37.8 | 91.3 | 9521.3 | 300.0 | -40.3 | 99.9 | 260.8 | 22.2 | 22.0 | 3.5 | 328.6 | 328.6 | 99.9 | 99.9 | 33.9 | 74. |
| 39.8 | 95.3 | 10104.3 | 275.0 | -44.8 | 99.9 | 275.1 | 20.4 | 20.3 | -2.5 | 330.4 | 330.4 | 99.9 | 99.9 | 36.9 | 75. |
| 42.0 | 101.0 | 10738.9 | 250.0 | -50.2 | 99.9 | 282.4 | 35.0 | 34.2 | -7.5 | 331.5 | 331.5 | 99.9 | 99.9 | 40.7 | 74. |
| 44.8 | 106.4 | 11419.0 | 225.0 | -55.2 | 99.9 | 295.0 | 37.2 | 33.8 | -15.7 | 333.9 | 333.9 | 99.9 | 99.9 | 45.9 | 82. |
| 47.4 | 111.9 | 12100.1 | 200.0 | -61.1 | 99.9 | 293.7 | 32.5 | 29.7 | -13.0 | 336.1 | 336.1 | 99.9 | 99.9 | 50.7 | 85. |
| 51.2 | 117.8 | 12703.3 | 175.0 | -63.7 | 99.9 | 295.9 | 29.6 | 26.6 | -12.9 | 344.9 | 344.9 | 99.9 | 99.9 | 56.9 | 84. |
| 54.4 | 124.5 | 13930.9 | 150.0 | -64.0 | 99.9 | 279.4 | 30.3 | 29.9 | -5.0 | 358.2 | 358.2 | 99.9 | 99.9 | 61.6 | 90. |
| 59.4 | 131.7 | 15044.9 | 125.0 | -66.0 | 99.9 | 276.9 | 25.9 | 25.7 | -3.1 | 375.4 | 375.4 | 99.9 | 99.9 | 70.5 | 92. |
| 65.0 | 139.3 | 16386.4 | 100.0 | -68.2 | 99.9 | 263.8 | 22.2 | 21.5 | -5.3 | 396.0 | 396.0 | 99.9 | 99.9 | 79.4 | 92. |
| 72.3 | 147.3 | 18110.7 | 75.0 | -68.0 | 99.9 | 300.0 | 5.2 | 4.5 | -2.6 | 430.4 | 430.4 | 99.9 | 99.9 | 84.8 | 92. |
| 82.0 | 156.7 | 20592.3 | 50.0 | -62.1 | 99.9 | 291.3 | 3.0 | 2.8 | -1.1 | 497.2 | 497.2 | 99.9 | 99.9 | 87.4 | 93. |
| 99.0 | 165.7 | 24973.4 | 25.0 | -53.1 | 99.9 | 105.4 | 3.6 | -3.5 | 1.0 | 632.5 | 632.5 | 99.9 | 99.9 | 84.4 | 94. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 232
BOOTHVILLE, LA25 APRIL 1975
515 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE A7 KM | A7 DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|----------------|----------|
| 0.0 | 5.0 | 1.0 | 1017.2 | 21.2 | 20.9 | 140.0 | 3.6 | -2.3 | 2.8 | 295.0 | 334.9 | 15.5 | 98.0 | 0.0 | 0.0 |
| 0.4 | 6.4 | 149.9 | 1000.0 | 22.3 | 21.7 | 163.5 | 13.6 | -3.9 | 13.1 | 297.7 | 341.0 | 16.6 | 96.4 | 0.4 | 32.5 |
| 1.2 | 8.8 | 371.0 | 975.0 | 21.5 | 20.9 | 162.3 | 13.0 | -2.6 | 12.7 | 298.9 | 341.3 | 16.2 | 96.2 | 0.9 | 31.7 |
| 2.0 | 11.1 | 556.5 | 950.0 | 19.8 | 19.1 | 174.2 | 13.6 | -1.4 | 13.5 | 299.2 | 348.2 | 14.8 | 92.9 | 1.6 | 34.3 |
| 2.9 | 13.6 | 826.6 | 925.0 | 18.6 | 17.3 | 176.2 | 12.2 | -0.2 | 12.2 | 300.1 | 350.1 | 13.6 | 92.1 | 2.2 | 34.7 |
| 3.8 | 15.9 | 1022.0 | 900.0 | 17.4 | 16.1 | 180.2 | 9.8 | 0.0 | 5.8 | 301.1 | 335.7 | 13.0 | 92.5 | 2.8 | 35.0 |
| 4.6 | 18.5 | 1302.9 | 875.0 | 15.8 | 14.0 | 177.8 | 9.8 | -0.4 | 5.7 | 301.8 | 333.0 | 11.6 | 89.2 | 3.3 | 35.1 |
| 5.6 | 20.9 | 1549.1 | 850.0 | 15.5 | 7.0 | 177.1 | 10.5 | -0.5 | 10.5 | 303.3 | 324.0 | 7.4 | 57.2 | 3.8 | 35.2 |
| 6.5 | 23.6 | 1802.5 | 825.0 | 15.7 | -7.1 | 176.2 | 10.4 | -0.7 | 10.4 | 305.6 | 313.7 | 2.7 | 20.1 | 4.4 | 35.3 |
| 7.4 | 26.1 | 2062.5 | 800.0 | 14.0 | -3.2 | 177.7 | 12.0 | -0.5 | 12.0 | 308.6 | 317.6 | 3.8 | 30.0 | 5.0 | 35.1 |
| 8.5 | 28.9 | 2329.4 | 775.0 | 12.5 | -8.4 | 176.8 | 11.4 | -0.2 | 11.4 | 307.5 | 315.4 | 2.6 | 22.5 | 5.8 | 35.4 |
| 9.5 | 31.7 | 2614.0 | 750.0 | 12.6 | -35.2 | 180.5 | 10.1 | 0.1 | 10.1 | 310.3 | 311.6 | 0.4 | 3.2 | 6.4 | 35.4 |
| 10.5 | 34.6 | 2887.9 | 725.0 | 12.1 | -25.1 | 178.9 | 8.5 | -0.2 | 8.5 | 312.8 | 315.1 | 0.7 | 5.7 | 7.0 | 35.5 |
| 11.5 | 37.3 | 3180.6 | 700.0 | 10.8 | -29.4 | 171.2 | 8.3 | -1.3 | 8.2 | 314.5 | 316.1 | 0.5 | 4.1 | 7.5 | 35.5 |
| 12.7 | 40.2 | 3482.0 | 675.0 | 8.5 | -20.4 | 167.8 | 8.0 | -1.7 | 7.8 | 315.3 | 318.9 | 1.1 | 10.8 | 8.1 | 35.5 |
| 13.8 | 43.1 | 3791.9 | 650.0 | 5.6 | -16.4 | 176.5 | 7.9 | 0.5 | 7.9 | 315.5 | 320.5 | 1.6 | 17.8 | 8.6 | 35.4 |
| 14.9 | 46.3 | 4111.3 | 625.0 | 3.3 | -13.5 | 187.0 | 9.7 | 1.2 | 9.6 | 316.4 | 323.2 | 2.2 | 28.0 | 9.1 | 35.5 |
| 16.1 | 48.4 | 4440.6 | 600.0 | 0.5 | -12.9 | 155.5 | 9.4 | 2.5 | 9.0 | 317.0 | 324.4 | 2.4 | 35.6 | 9.8 | 35.6 |
| 17.3 | 52.4 | 4780.5 | 575.0 | -2.0 | -19.3 | 213.1 | 8.6 | 4.7 | 7.2 | 317.8 | 322.5 | 1.4 | 25.2 | 10.4 | 35.7 |
| 18.5 | 55.7 | 5132.4 | 550.0 | -4.1 | -20.4 | 229.1 | 8.7 | 6.6 | 5.7 | 319.3 | 323.6 | 1.3 | 25.6 | 10.9 | 36.0 |
| 19.9 | 58.0 | 5497.3 | 525.0 | -7.1 | -19.6 | 259.2 | 9.0 | 8.8 | 1.7 | 320.0 | 325.9 | 1.5 | 35.4 | 11.2 | 3.0 |
| 21.2 | 62.5 | 5876.1 | 500.0 | -9.4 | -31.2 | 272.4 | 10.5 | 10.5 | -0.4 | 321.6 | 323.5 | 0.6 | 14.9 | 11.3 | 7.0 |
| 22.7 | 66.0 | 6270.2 | 475.0 | -12.1 | -41.9 | 276.5 | 12.3 | 12.2 | -1.4 | 323.0 | 323.7 | 0.2 | 6.2 | 11.4 | 12.0 |
| 24.0 | 69.7 | 6681.4 | 450.0 | -15.4 | -37.4 | 275.8 | 14.3 | 14.3 | -1.5 | 323.9 | 325.1 | 0.4 | 14.1 | 11.5 | 17.0 |
| 25.5 | 73.3 | 7109.7 | 425.0 | -19.2 | -29.8 | 276.2 | 18.5 | 18.3 | -2.0 | 324.4 | 327.8 | 0.8 | 38.3 | 11.9 | 24.0 |
| 27.0 | 77.3 | 7558.5 | 400.0 | -21.8 | -38.3 | 278.1 | 21.0 | 20.8 | -2.9 | 325.6 | 327.8 | 0.3 | 20.8 | 12.6 | 32.0 |
| 28.6 | 81.3 | 8030.3 | 375.0 | -25.4 | -31.3 | 278.1 | 21.7 | 21.5 | -3.1 | 328.0 | 330.6 | 0.7 | 57.4 | 13.5 | 40.0 |
| 30.4 | 85.6 | 8527.8 | 350.0 | -29.0 | -34.8 | 282.2 | 19.7 | 19.3 | -4.2 | 329.7 | 331.7 | 0.6 | 56.9 | 14.8 | 48.0 |
| 32.3 | 89.8 | 9052.4 | 325.0 | -33.3 | -39.6 | 285.4 | 22.0 | 21.2 | -5.8 | 330.7 | 332.0 | 0.4 | 52.9 | 16.2 | 54.0 |
| 34.5 | 94.6 | 9609.7 | 300.0 | -37.8 | -46.3 | 290.9 | 24.7 | 23.1 | -8.8 | 332.0 | 332.8 | 0.2 | 40.1 | 18.1 | 62.0 |
| 36.6 | 99.2 | 10234.6 | 275.0 | -42.0 | -49.9 | 288.5 | 26.9 | 25.5 | -8.5 | 334.5 | 334.5 | 99.9 | 99.9 | 20.4 | 69.0 |
| 39.0 | 104.3 | 10842.0 | 250.0 | -47.0 | -49.9 | 281.0 | 32.0 | 31.3 | -6.3 | 336.2 | 336.2 | 99.9 | 99.9 | 24.1 | 75.0 |
| 41.7 | 110.0 | 11532.2 | 225.0 | -52.4 | -49.9 | 285.9 | 32.5 | 30.6 | -11.1 | 338.3 | 338.3 | 99.9 | 99.9 | 28.8 | 80.0 |
| 44.5 | 115.9 | 12282.8 | 200.0 | -58.7 | -49.9 | 293.1 | 36.0 | 33.1 | -14.1 | 339.8 | 339.8 | 99.9 | 99.9 | 33.9 | 85.0 |
| 47.5 | 123.3 | 13107.2 | 175.0 | -65.7 | -49.9 | 296.0 | 39.9 | 35.8 | -17.5 | 341.5 | 341.5 | 99.9 | 99.9 | 39.8 | 90.0 |
| 50.6 | 129.3 | 14030.8 | 150.0 | -69.6 | -49.9 | 288.9 | 28.6 | 27.0 | -8.3 | 350.2 | 350.2 | 99.9 | 99.9 | 46.4 | 94.0 |
| 54.8 | 137.0 | 15135.6 | 125.0 | -64.8 | -49.9 | 265.3 | 27.1 | 27.0 | -2.2 | 377.7 | 377.7 | 99.9 | 99.9 | 53.8 | 94.0 |
| 59.6 | 144.3 | 16477.3 | 100.0 | -70.1 | -49.9 | 270.8 | 20.0 | 20.0 | -0.2 | 392.4 | 392.4 | 99.9 | 99.9 | 60.0 | 94.0 |
| 65.4 | 152.3 | 18182.2 | 75.0 | -71.8 | -49.9 | 289.9 | 11.1 | 10.4 | -3.8 | 422.3 | 422.3 | 99.9 | 99.9 | 64.2 | 94.0 |
| 73.7 | 161.0 | 20436.2 | 50.0 | -63.6 | -49.9 | 11.3 | 5.7 | -1.1 | -5.6 | 493.7 | 493.7 | 99.9 | 99.9 | 68.0 | 95.0 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 235
JACKSON, MISS25 APRIL 1975
515 GMT

| TIME MIN | CNTCT | HEIGHT GEM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.4 | 100.0 | 1003.8 | 23.9 | 20.8 | 200.0 | 6.2 | 2.1 | 5.8 | 298.8 | 339.9 | 15.7 | 83.0 | 0.0 | 0. |
| 0.1 | 4.7 | 133.3 | 1000.0 | 23.2 | 21.0 | 196.0 | 10.9 | 3.0 | 10.5 | 298.5 | 340.0 | 15.9 | 87.3 | 0.2 | 5. |
| 1.0 | 6.6 | 354.5 | 975.0 | 21.4 | 20.3 | 192.1 | 14.7 | 4.6 | 14.0 | 298.8 | 339.5 | 15.6 | 93.4 | 0.7 | 16. |
| 1.7 | 8.9 | 579.8 | 950.0 | 19.4 | 18.5 | 201.0 | 16.5 | 5.9 | 15.4 | 298.8 | 336.4 | 14.3 | 94.4 | 1.4 | 18. |
| 2.4 | 10.8 | 809.7 | 925.0 | 17.8 | 16.7 | 203.4 | 17.8 | 7.1 | 16.3 | 299.3 | 333.9 | 13.1 | 93.4 | 2.1 | 19. |
| 3.2 | 13.0 | 1044.1 | 900.0 | 16.3 | 14.3 | 207.0 | 16.7 | 7.6 | 14.9 | 299.8 | 330.6 | 11.5 | 88.1 | 3.3 | 21. |
| 4.1 | 15.2 | 1294.5 | 875.0 | 14.3 | 12.6 | 206.5 | 16.4 | 7.3 | 14.7 | 302.4 | 327.6 | 9.2 | 67.2 | 3.8 | 22. |
| 5.0 | 17.3 | 1531.6 | 850.0 | 12.0 | 10.6 | 208.1 | 17.6 | 8.3 | 15.5 | 303.8 | 323.5 | 7.1 | 52.4 | 4.8 | 23. |
| 6.0 | 19.5 | 1784.9 | 825.0 | 10.0 | 8.7 | 216.7 | 16.2 | 9.7 | 13.0 | 305.0 | 322.3 | 6.1 | 47.9 | 5.7 | 25. |
| 6.9 | 21.8 | 2044.7 | 800.0 | 13.1 | 3.7 | 217.4 | 17.9 | 10.9 | 14.2 | 306.0 | 323.7 | 6.3 | 52.7 | 6.7 | 27. |
| 7.9 | 24.3 | 2311.4 | 775.0 | 13.0 | -9.1 | 217.4 | 16.0 | 9.7 | 12.7 | 308.1 | 315.6 | 2.5 | 20.6 | 7.7 | 28. |
| 8.9 | 26.5 | 2597.1 | 750.0 | 13.5 | -14.7 | 218.2 | 14.9 | 9.2 | 11.6 | 311.5 | 310.6 | 1.6 | 12.7 | 8.6 | 29. |
| 9.9 | 29.0 | 2871.1 | 725.0 | 12.0 | -15.4 | 218.5 | 14.4 | 8.6 | 11.6 | 312.8 | 317.8 | 1.6 | 13.1 | 9.4 | 30. |
| 10.9 | 31.7 | 3163.4 | 700.0 | 9.5 | -13.5 | 220.1 | 13.5 | 8.7 | 10.4 | 313.3 | 319.3 | 1.9 | 18.1 | 10.2 | 30. |
| 12.0 | 34.4 | 3463.5 | 675.0 | 7.1 | -14.5 | 224.2 | 14.6 | 10.2 | 10.5 | 313.8 | 319.6 | 1.8 | 19.7 | 11.1 | 31. |
| 13.1 | 37.0 | 3772.2 | 650.0 | 4.7 | -14.8 | 222.0 | 15.7 | 10.5 | 11.7 | 314.5 | 320.4 | 1.9 | 22.7 | 12.1 | 31. |
| 14.1 | 39.3 | 4090.4 | 625.0 | 2.1 | -13.6 | 225.0 | 17.0 | 12.0 | 12.0 | 315.1 | 321.8 | 2.1 | 36.0 | 13.1 | 33. |
| 15.3 | 42.4 | 4418.8 | 600.0 | -0.4 | -14.0 | 238.5 | 17.9 | 15.2 | 9.4 | 316.0 | 322.7 | 2.2 | 34.7 | 14.3 | 35. |
| 16.4 | 45.4 | 4757.4 | 575.0 | -3.0 | -16.5 | 253.0 | 15.3 | 14.7 | 4.5 | 316.6 | 322.5 | 1.8 | 34.4 | 15.3 | 37. |
| 17.8 | 48.5 | 5108.0 | 550.0 | -5.6 | -20.3 | 268.4 | 15.8 | 15.8 | 0.4 | 317.6 | 322.1 | 1.4 | 30.1 | 16.2 | 40. |
| 19.0 | 51.4 | 5470.7 | 525.0 | -8.8 | -20.8 | 272.8 | 17.2 | 17.2 | -0.8 | 318.0 | 322.6 | 1.4 | 37.0 | 16.9 | 43. |
| 20.1 | 54.6 | 5846.2 | 500.0 | -12.5 | -20.3 | 270.5 | 18.1 | 18.1 | -0.2 | 318.0 | 322.9 | 1.5 | 51.8 | 17.8 | 46. |
| 21.6 | 57.9 | 6215.3 | 475.0 | -16.2 | -20.5 | 268.5 | 19.2 | 19.2 | 0.5 | 318.0 | 323.1 | 1.6 | 65.4 | 18.3 | 70. |
| 23.1 | 61.3 | 6639.3 | 450.0 | -19.6 | -23.7 | 263.4 | 18.9 | 18.9 | 2.2 | 318.6 | 322.6 | 1.2 | 69.7 | 20.5 | 33. |
| 24.7 | 65.0 | 7014.4 | 425.0 | -20.3 | -37.8 | 249.7 | 19.6 | 18.4 | 6.8 | 322.9 | 324.1 | 0.3 | 15.1 | 22.1 | 34. |
| 26.3 | 68.7 | 7510.9 | 400.0 | -23.3 | -40.3 | 256.7 | 18.5 | 18.0 | 4.2 | 324.6 | 325.6 | 0.3 | 19.3 | 23.9 | 56. |
| 28.0 | 72.4 | 7979.6 | 375.0 | -27.2 | -43.4 | 254.5 | 19.4 | 18.7 | 5.2 | 325.5 | 326.3 | 0.2 | 19.6 | 25.7 | 57. |
| 29.7 | 76.5 | 8472.7 | 350.0 | -31.2 | -46.7 | 256.2 | 19.4 | 18.6 | 4.6 | 326.6 | 327.2 | 0.2 | 19.9 | 27.6 | 58. |
| 31.5 | 80.7 | 8993.3 | 325.0 | -35.4 | -40.8 | 263.1 | 21.6 | 21.7 | 2.6 | 327.9 | 329.1 | 0.3 | 57.2 | 29.5 | 60. |
| 33.3 | 85.2 | 9455.8 | 300.0 | -39.5 | 99.9 | 274.0 | 27.2 | 27.1 | -1.9 | 329.7 | 329.9 | 99.9 | 99.9 | 31.9 | 62. |
| 35.3 | 90.0 | 10134.8 | 275.0 | -44.7 | 99.9 | 276.3 | 31.2 | 31.1 | -3.4 | 330.4 | 329.9 | 99.9 | 99.9 | 34.9 | 66. |
| 37.8 | 95.2 | 10765.2 | 250.0 | -50.1 | 99.9 | 280.2 | 36.0 | 35.4 | -6.4 | 331.7 | 329.9 | 99.9 | 99.9 | 36.3 | 69. |
| 40.4 | 100.5 | 11466.5 | 225.0 | -54.9 | 99.9 | 284.8 | 36.7 | 34.7 | -11.8 | 334.4 | 329.9 | 99.9 | 99.9 | 44.2 | 74. |
| 43.1 | 106.5 | 12191.4 | 200.0 | -60.0 | 99.9 | 294.7 | 32.9 | 29.9 | -13.7 | 337.8 | 329.9 | 99.9 | 99.9 | 48.6 | 78. |
| 45.9 | 112.8 | 13014.6 | 175.0 | -65.3 | 99.9 | 281.2 | 26.9 | 26.4 | -5.2 | 342.2 | 329.9 | 99.9 | 99.9 | 53.2 | 81. |
| 49.3 | 119.7 | 13946.0 | 150.0 | -64.9 | 99.9 | 265.1 | 36.2 | 36.1 | 3.1 | 358.3 | 329.9 | 99.9 | 99.9 | 58.7 | 82. |
| 53.3 | 127.5 | 15060.2 | 125.0 | -63.5 | 99.9 | 274.9 | 29.4 | 29.3 | -2.5 | 380.0 | 329.9 | 99.9 | 99.9 | 66.1 | 83. |
| 58.0 | 136.0 | 16421.8 | 100.0 | -67.2 | 99.9 | 283.6 | 21.6 | 20.9 | -5.1 | 357.9 | 329.9 | 99.9 | 99.9 | 73.9 | 85. |
| 63.7 | 144.0 | 18147.9 | 75.0 | -67.4 | 99.9 | 275.5 | 12.5 | 12.5 | -1.2 | 431.6 | 329.9 | 99.9 | 99.9 | 77.7 | 85. |
| 72.0 | 152.3 | 23623.1 | 50.0 | -55.8 | 99.9 | 24.3 | 5.2 | -2.1 | -4.8 | 502.8 | 329.9 | 99.9 | 99.9 | 78.9 | 86. |
| 86.9 | 160.7 | 25028.9 | 25.0 | -52.0 | 99.9 | 27.7 | 2.7 | -1.2 | -2.4 | 635.6 | 329.9 | 99.9 | 99.9 | 76.8 | 86. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 240
LAKE CHARLES, LA

25 APRIL 1975
515 GMT

| TIME MIN | CNTCT | HEIGHT GEN | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 3.5 | 5.0 | 1014.4 | 23.3 | 21.6 | 170.0 | 7.2 | -1.3 | 7.1 | 297.4 | 339.6 | 16.2 | 90.0 | 0.0 | 0 |
| 0.3 | 4.6 | 130.4 | 1000.0 | 22.5 | 21.6 | 169.5 | 11.7 | -2.1 | 11.2 | 297.4 | 340.8 | 16.5 | 94.4 | 0.4 | 34 |
| 1.0 | 6.4 | 351.1 | 975.0 | 20.9 | 20.0 | 173.9 | 11.3 | -1.2 | 11.2 | 298.3 | 338.4 | 15.3 | 94.7 | 0.7 | 34 |
| 1.7 | 8.4 | 576.3 | 950.0 | 19.4 | 18.5 | 187.4 | 11.5 | 1.5 | 11.4 | 298.8 | 336.4 | 14.3 | 94.5 | 1.2 | 35 |
| 2.4 | 10.3 | 803.8 | 925.0 | 18.0 | 17.1 | 200.9 | 10.5 | 4.8 | 9.4 | 299.1 | 326.8 | 10.4 | 73.7 | 1.6 | 35 |
| 3.2 | 12.3 | 1041.5 | 900.0 | 16.8 | 12.1 | 205.5 | 11.5 | 5.1 | 10.3 | 302.3 | 323.3 | 10.0 | 65.0 | 2.1 | 6 |
| 4.0 | 14.4 | 1293.1 | 875.0 | 17.1 | 12.0 | 204.9 | 12.2 | 5.1 | 11.1 | 302.9 | 330.4 | 10.1 | 71.9 | 2.6 | 11 |
| 4.9 | 16.4 | 1530.4 | 850.0 | 15.6 | 9.9 | 201.5 | 12.3 | 4.5 | 11.4 | 303.8 | 328.7 | 9.1 | 68.8 | 3.2 | 14 |
| 5.7 | 18.6 | 1743.6 | 825.0 | 14.3 | 6.0 | 188.7 | 13.9 | 1.6 | 13.4 | 304.6 | 324.5 | 7.1 | 57.3 | 3.9 | 14 |
| 6.5 | 20.7 | 2042.9 | 800.0 | 12.4 | 5.8 | 181.9 | 13.7 | 0.5 | 13.7 | 305.3 | 325.7 | 7.3 | 64.1 | 4.6 | 12 |
| 7.4 | 22.9 | 2308.5 | 775.0 | 10.8 | 2.1 | 183.6 | 14.1 | 0.9 | 14.1 | 306.2 | 322.6 | 5.8 | 55.0 | 5.3 | 11 |
| 8.3 | 25.2 | 2581.5 | 750.0 | 11.2 | -23.0 | 184.4 | 16.0 | 1.8 | 15.9 | 308.9 | 312.1 | 1.0 | 9.4 | 6.1 | 10 |
| 9.3 | 27.4 | 2868.6 | 725.0 | 11.8 | -34.5 | 187.3 | 17.0 | 2.2 | 16.9 | 312.5 | 313.6 | 0.3 | 2.7 | 7.1 | 10 |
| 10.4 | 29.8 | 3157.2 | 700.0 | 11.0 | -24.4 | 196.4 | 17.3 | 4.9 | 16.6 | 314.8 | 317.3 | 0.8 | 4.4 | 8.2 | 10 |
| 11.4 | 32.3 | 3456.4 | 675.0 | 9.5 | -29.0 | 207.3 | 15.0 | 6.9 | 13.3 | 316.3 | 318.1 | 0.5 | 4.9 | 9.3 | 11 |
| 12.6 | 34.9 | 3771.3 | 650.0 | 8.1 | -23.1 | 218.4 | 10.9 | 8.1 | 7.2 | 318.2 | 320.9 | 0.8 | 7.9 | 10.1 | 13 |
| 13.7 | 37.2 | 4093.1 | 625.0 | 5.2 | -15.2 | 248.3 | 10.2 | 9.3 | 4.1 | 318.6 | 324.6 | 1.9 | 21.3 | 10.5 | 14 |
| 14.8 | 39.9 | 4428.2 | 600.0 | 2.1 | -14.0 | 252.4 | 10.1 | 9.6 | 3.0 | 318.8 | 325.6 | 2.2 | 29.2 | 10.9 | 19 |
| 16.0 | 42.2 | 4765.7 | 575.0 | -1.3 | -13.5 | 249.5 | 10.9 | 10.2 | 2.8 | 319.8 | 326.2 | 2.3 | 38.9 | 11.4 | 22 |
| 17.3 | 45.1 | 5117.6 | 550.0 | -4.9 | -12.9 | 254.1 | 10.6 | 10.2 | 2.9 | 318.6 | 326.7 | 2.6 | 53.3 | 11.9 | 25 |
| 18.6 | 48.0 | 5481.1 | 525.0 | -8.6 | -10.2 | 260.2 | 11.1 | 10.9 | 1.9 | 318.3 | 324.8 | 2.0 | 53.9 | 12.5 | 28 |
| 19.9 | 50.8 | 5857.6 | 500.0 | -11.4 | -23.0 | 270.5 | 12.9 | 12.9 | -0.1 | 319.2 | 323.2 | 1.2 | 37.6 | 13.0 | 31 |
| 21.1 | 53.8 | 6248.5 | 475.0 | -14.9 | -24.9 | 273.8 | 13.6 | 13.6 | -0.9 | 319.6 | 323.1 | 1.1 | 41.7 | 13.5 | 35 |
| 22.6 | 56.8 | 6655.4 | 450.0 | -18.0 | -31.0 | 273.2 | 17.8 | 17.7 | -1.0 | 320.7 | 322.9 | 0.6 | 30.8 | 14.3 | 40 |
| 24.1 | 60.0 | 7090.5 | 425.0 | -20.2 | -40.4 | 277.4 | 10.7 | 18.6 | -2.4 | 323.1 | 324.0 | 0.3 | 14.4 | 15.3 | 45 |
| 25.6 | 63.4 | 7528.4 | 400.0 | -22.6 | -58.1 | 273.3 | 23.0 | 23.0 | -1.3 | 325.5 | 325.8 | 0.1 | 3.6 | 16.4 | 50 |
| 27.0 | 66.6 | 7990.3 | 375.0 | -25.6 | -30.1 | 267.4 | 25.7 | 25.7 | 1.2 | 327.7 | 330.6 | 0.8 | 66.2 | 18.1 | 54 |
| 28.5 | 70.3 | 8455.4 | 350.0 | -28.6 | -35.0 | 272.8 | 25.4 | 25.4 | -1.2 | 328.9 | 330.8 | 0.6 | 54.2 | 20.2 | 56 |
| 30.3 | 74.0 | 9020.2 | 325.0 | -33.0 | -43.7 | 279.5 | 25.7 | 26.3 | -4.4 | 331.1 | 332.0 | 0.2 | 33.0 | 22.3 | 62 |
| 32.3 | 78.0 | 9575.4 | 300.0 | -36.8 | -73.7 | 279.8 | 26.2 | 25.8 | -4.5 | 333.3 | 333.4 | 0.0 | 1.0 | 24.8 | 67 |
| 34.5 | 82.0 | 10174.7 | 275.0 | -42.1 | 99.9 | 282.3 | 28.3 | 27.6 | -6.0 | 334.2 | 999.9 | 99.9 | 99.9 | 27.9 | 71 |
| 36.8 | 86.3 | 10812.7 | 250.0 | -47.2 | 99.9 | 285.9 | 32.7 | 31.4 | -9.0 | 335.6 | 999.9 | 99.9 | 99.9 | 31.5 | 75 |
| 39.2 | 91.2 | 11501.4 | 225.0 | -52.9 | 99.9 | 291.4 | 33.9 | 33.5 | -13.1 | 337.5 | 999.9 | 99.9 | 99.9 | 35.9 | 80 |
| 41.7 | 96.0 | 12251.2 | 200.0 | -58.6 | 99.9 | 263.3 | 38.0 | 36.0 | -9.0 | 340.0 | 999.9 | 99.9 | 99.9 | 40.7 | 83 |
| 45.0 | 101.5 | 13078.3 | 175.0 | -65.1 | 99.9 | 288.3 | 39.5 | 37.5 | -12.4 | 342.4 | 999.9 | 99.9 | 99.9 | 48.1 | 87 |
| 48.6 | 107.8 | 14009.4 | 150.0 | -64.0 | 99.9 | 278.3 | 27.7 | 27.4 | -4.0 | 350.4 | 999.9 | 99.9 | 99.9 | 56.0 | 90 |
| 53.4 | 114.7 | 15123.1 | 125.0 | -64.6 | 99.9 | 277.6 | 28.7 | 28.5 | -3.2 | 378.1 | 999.9 | 99.9 | 99.9 | 63.3 | 90 |
| 58.8 | 122.5 | 16472.1 | 100.0 | -68.5 | 99.9 | 282.7 | 18.4 | 18.0 | -3.6 | 435.1 | 999.9 | 99.9 | 99.9 | 70.6 | 90 |
| 65.6 | 132.0 | 18173.6 | 75.0 | -67.1 | 99.9 | 269.5 | 17.4 | 17.4 | 0.2 | 432.1 | 999.9 | 99.9 | 99.9 | 76.0 | 90 |
| 74.9 | 143.0 | 20652.3 | 50.0 | -62.9 | 99.9 | 288.0 | 3.6 | 3.4 | -1.1 | 405.4 | 999.9 | 99.9 | 99.9 | 78.8 | 91 |
| 90.6 | 157.0 | 25056.3 | 25.0 | -50.4 | 99.9 | 334.4 | 4.5 | 1.9 | -4.0 | 630.6 | 999.9 | 99.9 | 99.9 | 75.9 | 94 |

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

• BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

• BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 248
SHREVEPORT, LA25 APRIL 1975
510 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.4 | 79.0 | 1002.7 | 23.3 | 18.4 | 180.0 | 6.2 | 0.0 | 6.2 | 298.0 | 333.4 | 13.4 | 74.0 | 104 | 0 |
| 0.1 | 4.6 | 102.7 | 1000.0 | 23.3 | 19.1 | 187.9 | 6.8 | 1.2 | 8.7 | 299.3 | 335.4 | 14.1 | 77.6 | 0.1 | 4 |
| 0.6 | 6.5 | 324.2 | 975.0 | 22.0 | 20.5 | 195.0 | 14.5 | 4.7 | 13.6 | 299.4 | 340.9 | 15.8 | 90.9 | 0.6 | 10 |
| 1.7 | 6.7 | 550.3 | 950.0 | 20.6 | 19.4 | 207.2 | 18.3 | 8.3 | 16.3 | 300.1 | 340.1 | 16.2 | 93.1 | 1.4 | 18 |
| 2.6 | 10.9 | 781.4 | 925.0 | 19.9 | 18.5 | 215.1 | 19.6 | 11.3 | 16.0 | 301.6 | 340.5 | 16.6 | 91.6 | 2.4 | 24 |
| 3.3 | 15.0 | 1017.9 | 900.0 | 18.4 | 16.9 | 217.8 | 20.7 | 12.7 | 16.4 | 302.3 | 338.7 | 1.6 | 90.6 | 3.3 | 27 |
| 4.3 | 15.3 | 1201.6 | 875.0 | 20.4 | 11.3 | 222.2 | 20.0 | 13.4 | 14.8 | 306.3 | 333.1 | 9.7 | 56.1 | 4.4 | 31 |
| 5.2 | 17.6 | 1511.3 | 850.0 | 18.1 | 9.5 | 220.0 | 20.6 | 13.2 | 15.9 | 306.6 | 331.2 | 8.9 | 56.4 | 5.6 | 33 |
| 6.2 | 22.0 | 1766.4 | 825.0 | 16.0 | 8.4 | 220.2 | 19.5 | 12.6 | 14.9 | 306.6 | 330.1 | 8.4 | 60.7 | 6.8 | 34 |
| 7.3 | 22.3 | 2027.5 | 800.0 | 13.9 | 7.6 | 221.7 | 20.0 | 13.3 | 14.9 | 307.1 | 330.2 | 8.3 | 66.0 | 8.0 | 35 |
| 8.2 | 24.8 | 2295.0 | 775.0 | 12.9 | -1.9 | 227.7 | 21.1 | 15.6 | 14.2 | 308.2 | 320.9 | 4.3 | 36.1 | 9.2 | 36 |
| 9.3 | 27.2 | 2570.3 | 750.0 | 13.3 | -15.7 | 233.5 | 21.5 | 17.3 | 12.8 | 311.2 | 315.9 | 1.5 | 11.8 | 10.5 | 38 |
| 10.5 | 29.9 | 2954.0 | 725.0 | 11.4 | -18.5 | 234.7 | 21.1 | 17.2 | 12.2 | 312.1 | 316.0 | 1.2 | 10.5 | 12.0 | 40 |
| 11.6 | 32.6 | 3145.7 | 700.0 | 9.3 | -18.9 | 234.6 | 21.1 | 17.2 | 12.2 | 312.9 | 316.8 | 1.2 | 11.7 | 13.3 | 42 |
| 12.7 | 35.3 | 3445.6 | 675.0 | 6.9 | -15.8 | 232.8 | 23.1 | 18.4 | 13.9 | 313.6 | 318.8 | 1.6 | 17.9 | 14.8 | 43 |
| 13.9 | 38.0 | 3754.1 | 650.0 | 5.1 | -19.2 | 230.4 | 24.5 | 18.9 | 15.6 | 314.8 | 319.0 | 1.3 | 15.2 | 16.5 | 44 |
| 15.1 | 40.9 | 4072.7 | 625.0 | 2.7 | -21.2 | 234.8 | 22.0 | 18.0 | 12.7 | 315.7 | 319.4 | 1.1 | 15.2 | 18.2 | 45 |
| 16.5 | 43.9 | 4301.5 | 600.0 | 0.6 | -46.7 | 240.0 | 20.3 | 17.6 | 10.1 | 316.8 | 317.2 | 0.1 | 1.4 | 19.9 | 46 |
| 17.8 | 46.8 | 4741.2 | 575.0 | -1.9 | -19.7 | 242.4 | 20.2 | 17.9 | 9.3 | 317.5 | 323.1 | 1.6 | 28.2 | 21.3 | 47 |
| 18.9 | 49.9 | 5053.3 | 550.0 | -4.6 | -9.5 | 238.5 | 23.5 | 20.0 | 12.3 | 319.0 | 329.5 | 3.4 | 68.5 | 22.8 | 48 |
| 20.0 | 52.9 | 5457.6 | 525.0 | -7.9 | -13.2 | 239.5 | 24.6 | 21.2 | 12.5 | 319.3 | 327.5 | 2.6 | 65.5 | 24.4 | 49 |
| 21.3 | 55.0 | 5834.6 | 500.0 | -11.3 | -13.9 | 240.3 | 25.1 | 21.8 | 12.4 | 319.5 | 327.8 | 2.6 | 81.3 | 26.3 | 50 |
| 22.6 | 58.4 | 6226.1 | 475.0 | -14.6 | -16.0 | 247.3 | 25.7 | 23.7 | 9.9 | 320.1 | 327.4 | 2.3 | 80.2 | 28.1 | 51 |
| 23.9 | 63.0 | 6633.4 | 450.0 | -17.7 | -19.4 | 244.5 | 27.3 | 25.6 | 9.6 | 321.1 | 327.1 | 1.6 | 80.7 | 30.2 | 52 |
| 25.4 | 66.6 | 7058.9 | 425.0 | -21.0 | -22.3 | 256.6 | 28.2 | 27.4 | 6.5 | 322.2 | 327.1 | 1.5 | 88.8 | 32.4 | 53 |
| 27.2 | 70.4 | 7504.3 | 400.0 | -23.9 | -26.3 | 261.8 | 25.6 | 25.3 | 3.7 | 324.0 | 327.8 | 1.1 | 80.0 | 35.3 | 54 |
| 29.2 | 74.2 | 7973.4 | 375.0 | -26.1 | -32.2 | 270.4 | 26.4 | 26.4 | -0.2 | 327.1 | 329.5 | 0.7 | 55.8 | 37.8 | 55 |
| 30.6 | 78.3 | 8468.9 | 350.0 | -30.0 | -36.5 | 275.7 | 25.3 | 25.1 | -2.5 | 328.2 | 329.9 | 0.5 | 52.8 | 39.7 | 56 |
| 31.5 | 82.5 | 8991.8 | 325.0 | -34.8 | -39.4 | 277.0 | 27.9 | 27.7 | -3.4 | 330.6 | 330.0 | 0.4 | 62.9 | 40.6 | 61 |
| 33.1 | 87.0 | 9546.0 | 300.0 | -39.0 | -47.2 | 284.6 | 29.3 | 29.3 | -7.4 | 330.4 | 331.0 | 0.2 | 40.6 | 42.7 | 63 |
| 35.3 | 92.0 | 10136.2 | 275.0 | -44.0 | 99.9 | 290.2 | 23.9 | 22.5 | -8.3 | 331.6 | 999.9 | 99.9 | 999.9 | 45.5 | 66 |
| 37.6 | 96.8 | 10770.5 | 250.0 | -48.3 | 99.9 | 280.2 | 39.2 | 38.6 | -7.0 | 334.3 | 999.9 | 99.9 | 999.9 | 48.4 | 67 |
| 40.4 | 102.3 | 11455.8 | 225.0 | -54.0 | 99.9 | 280.6 | 45.0 | 44.2 | -8.2 | 335.8 | 999.9 | 99.9 | 999.9 | 55.5 | 73 |
| 43.5 | 108.3 | 12200.6 | 200.0 | -60.6 | 99.9 | 279.7 | 48.7 | 48.0 | -8.2 | 336.8 | 999.9 | 99.9 | 999.9 | 62.3 | 77 |
| 46.6 | 114.7 | 13019.7 | 175.0 | -66.3 | 99.9 | 276.7 | 51.2 | 50.9 | -6.0 | 340.5 | 999.9 | 99.9 | 999.9 | 68.8 | 80 |
| 50.3 | 121.3 | 13948.5 | 150.0 | -66.7 | 99.9 | 271.6 | 35.3 | 35.3 | -1.0 | 355.1 | 999.9 | 99.9 | 999.9 | 77.4 | 82 |
| 54.7 | 129.0 | 15067.5 | 125.0 | -64.1 | 99.9 | 266.3 | 27.6 | 27.5 | 1.8 | 379.0 | 999.9 | 99.9 | 999.9 | 87.6 | 82 |
| 59.8 | 137.0 | 16429.8 | 100.0 | -65.4 | 99.9 | 268.6 | 28.6 | 28.6 | 0.7 | 401.3 | 999.9 | 99.9 | 999.9 | 95.2 | 82 |
| 65.7 | 145.0 | 18150.0 | 75.0 | -71.0 | 99.9 | 274.3 | 20.6 | 20.5 | -1.5 | 424.3 | 999.9 | 99.9 | 999.9 | 100.8 | 83 |
| 74.9 | 154.0 | 20636.6 | 50.0 | -60.7 | 99.9 | 36.4 | 5.6 | -3.3 | -4.5 | 500.5 | 999.9 | 99.9 | 999.9 | 104.0 | 83 |
| 89.2 | 162.7 | 25029.1 | 25.0 | -53.8 | 99.9 | 334.2 | 2.2 | 1.0 | -2.0 | 630.5 | 999.9 | 99.9 | 999.9 | 103.5 | 85 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 255
VICTORIA, TEX

25 APRIL 1975
515 GMT

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTD GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 3.7 | 33.0 | 1008.2 | 24.8 | 22.7 | 170.0 | 8.2 | -1.4 | 8.1 | 259.6 | 345.4 | 17.5 | 88.0 | 0.0 | 0. |
| 0.2 | 4.3 | 105.3 | 1030.0 | 25.4 | 24.0 | 999.9 | 99.9 | 99.9 | 99.9 | 301.1 | 351.5 | 19.2 | 92.0 | 999.9 | 99.9 |
| 1.0 | 6.2 | 328.4 | 975.0 | 23.4 | 22.2 | 999.9 | 99.9 | 99.9 | 99.9 | 301.1 | 347.5 | 17.6 | 93.1 | 999.9 | 99.9 |
| 1.7 | 6.3 | 255.8 | 950.0 | 22.0 | 20.8 | 178.4 | 15.5 | -0.4 | 15.5 | 301.7 | 345.4 | 16.5 | 92.8 | 1.3 | 354. |
| 2.4 | 10.3 | 786.0 | 925.0 | 20.7 | 19.3 | 955.9 | 99.9 | 99.9 | 99.9 | 302.5 | 343.9 | 15.5 | 92.1 | 999.9 | 99.9 |
| 3.2 | 12.3 | 1024.8 | 900.0 | 18.3 | 17.0 | 999.9 | 99.9 | 99.9 | 99.9 | 302.2 | 339.0 | 13.7 | 92.2 | 999.9 | 99.9 |
| 4.0 | 14.3 | 1267.6 | 875.0 | 20.3 | 17.9 | 999.9 | 99.9 | 99.9 | 99.9 | 305.9 | 327.5 | 7.7 | 44.6 | 999.9 | 99.9 |
| 4.8 | 16.5 | 1517.1 | 850.0 | 18.5 | 5.5 | 185.0 | 20.5 | 2.0 | 20.4 | 305.4 | 325.4 | 6.7 | 42.5 | 4.4 | 0. |
| 5.5 | 18.3 | 1772.2 | 825.0 | 17.1 | -11.2 | 184.5 | 18.3 | 1.4 | 18.2 | 307.0 | 314.0 | 2.4 | 15.8 | 5.3 | 1. |
| 6.4 | 21.0 | 2034.7 | 800.0 | 19.0 | -38.3 | 186.2 | 15.7 | 1.7 | 15.6 | 311.4 | 312.0 | 0.2 | 1.0 | 6.2 | 2. |
| 7.1 | 23.3 | 2305.8 | 775.0 | 17.5 | -39.2 | 191.1 | 12.7 | 2.4 | 12.4 | 312.6 | 313.2 | 0.2 | 1.0 | 6.8 | 2. |
| 7.9 | 25.6 | 2584.2 | 750.0 | 15.7 | -40.3 | 199.9 | 11.7 | 4.0 | 11.0 | 313.7 | 314.2 | 0.1 | 1.0 | 7.4 | 3. |
| 8.7 | 28.0 | 2870.1 | 725.0 | 14.3 | -41.1 | 210.0 | 10.8 | 5.4 | 9.4 | 315.2 | 315.7 | 0.1 | 1.0 | 7.9 | 5. |
| 9.6 | 30.6 | 3165.2 | 700.0 | 13.1 | -41.9 | 228.8 | 8.2 | 6.2 | 5.4 | 317.0 | 317.5 | 0.1 | 1.0 | 8.3 | 7. |
| 10.5 | 33.1 | 3465.2 | 675.0 | 11.1 | -43.0 | 253.5 | 6.0 | 5.7 | 1.7 | 318.1 | 318.6 | 0.1 | 1.0 | 8.5 | 9. |
| 11.5 | 35.6 | 3781.9 | 650.0 | 8.0 | -19.5 | 255.4 | 6.5 | 6.3 | 1.6 | 318.2 | 322.9 | 1.4 | 13.9 | 8.6 | 11. |
| 12.4 | 38.3 | 4102.6 | 625.0 | 5.1 | -16.7 | 243.9 | 8.2 | 7.4 | 3.6 | 318.5 | 323.9 | 1.7 | 18.9 | 8.9 | 13. |
| 13.5 | 40.8 | 4435.2 | 600.0 | 2.9 | -22.7 | 231.7 | 10.9 | 8.6 | 6.8 | 319.4 | 322.8 | 1.0 | 13.2 | 9.3 | 16. |
| 14.5 | 43.6 | 4777.0 | 575.0 | -0.5 | -8.3 | 234.1 | 11.2 | 9.1 | 6.0 | 319.9 | 330.9 | 3.6 | 55.4 | 9.9 | 18. |
| 15.7 | 46.6 | 5131.1 | 550.0 | -3.8 | -10.2 | 244.2 | 13.2 | 11.9 | 5.8 | 319.9 | 323.9 | 3.2 | 61.1 | 10.5 | 21. |
| 16.0 | 48.6 | 5496.8 | 525.0 | -6.8 | -11.5 | 257.5 | 15.9 | 15.5 | 3.4 | 320.6 | 335.1 | 3.0 | 69.3 | 11.3 | 25. |
| 18.3 | 52.4 | 5875.8 | 500.0 | -9.9 | -17.8 | 274.0 | 15.7 | 15.7 | -1.1 | 321.2 | 327.3 | 1.9 | 52.3 | 12.0 | 31. |
| 18.6 | 55.3 | 6265.9 | 475.0 | -12.4 | -23.9 | 271.7 | 16.6 | 16.6 | -0.5 | 322.8 | 328.7 | 1.2 | 37.7 | 12.6 | 36. |
| 20.8 | 58.6 | 6681.1 | 450.0 | -14.6 | -32.0 | 267.3 | 17.8 | 17.8 | 0.8 | 324.9 | 327.1 | 0.6 | 23.4 | 13.4 | 40. |
| 22.1 | 61.9 | 7111.3 | 425.0 | -17.9 | -37.8 | 269.2 | 18.7 | 18.7 | 0.3 | 325.9 | 327.2 | 0.3 | 15.6 | 14.3 | 45. |
| 23.6 | 65.4 | 7562.1 | 400.0 | -21.1 | -27.9 | 264.0 | 18.9 | 18.8 | 2.0 | 327.6 | 330.9 | 1.0 | 54.3 | 15.6 | 46. |
| 25.1 | 68.9 | 8035.4 | 375.0 | -24.6 | -33.4 | 266.1 | 17.6 | 17.6 | 1.2 | 329.0 | 331.1 | 0.6 | 43.7 | 17.0 | 52. |
| 26.8 | 72.5 | 8534.6 | 350.0 | -28.1 | -37.3 | 275.4 | 20.6 | 20.5 | -1.9 | 330.9 | 332.5 | 0.4 | 40.5 | 18.6 | 54. |
| 28.7 | 76.5 | 9062.2 | 325.0 | -32.3 | -40.4 | 279.0 | 22.5 | 22.2 | -3.5 | 332.2 | 333.4 | 0.3 | 43.5 | 20.5 | 60. |
| 30.4 | 80.6 | 9621.5 | 300.0 | -36.9 | -43.7 | 273.9 | 23.6 | 23.6 | -1.6 | 333.3 | 334.3 | 0.3 | 48.9 | 22.5 | 64. |
| 32.3 | 85.0 | 10217.2 | 275.0 | -42.1 | -49.9 | 270.6 | 27.4 | 27.4 | -0.3 | 334.3 | 335.9 | 99.9 | 99.9 | 25.0 | 67. |
| 34.4 | 89.4 | 10854.1 | 250.0 | -48.0 | -59.9 | 273.4 | 28.2 | 28.1 | -1.7 | 334.7 | 335.9 | 99.9 | 99.9 | 28.2 | 70. |
| 36.5 | 94.4 | 11540.0 | 225.0 | -53.6 | -69.9 | 283.9 | 31.6 | 30.7 | -7.6 | 336.3 | 337.9 | 99.9 | 99.9 | 31.5 | 73. |
| 39.0 | 99.5 | 12285.9 | 200.0 | -60.2 | -99.9 | 285.2 | 34.6 | 33.4 | -9.1 | 337.5 | 338.9 | 99.9 | 99.9 | 36.0 | 77. |
| 41.8 | 103.3 | 13105.3 | 175.0 | -67.0 | -99.9 | 282.8 | 40.0 | 39.0 | -8.8 | 338.4 | 339.9 | 99.9 | 99.9 | 41.7 | 91. |
| 44.9 | 111.5 | 14095.0 | 150.0 | -63.7 | -99.9 | 271.4 | 23.5 | 23.5 | -0.6 | 340.3 | 340.9 | 99.9 | 99.9 | 47.4 | 84. |
| 48.5 | 118.7 | 15144.4 | 125.0 | -66.9 | -99.9 | 273.2 | 27.5 | 27.4 | -1.5 | 343.9 | 343.9 | 99.9 | 99.9 | 52.8 | 84. |
| 53.3 | 127.0 | 16374.4 | 100.0 | -72.7 | -99.9 | 273.9 | 22.5 | 22.4 | -1.5 | 347.4 | 347.4 | 99.9 | 99.9 | 59.5 | 85. |
| 59.6 | 137.0 | 18161.8 | 75.0 | -72.7 | -99.9 | 248.7 | 8.7 | 8.1 | 3.2 | 420.6 | 420.6 | 99.9 | 99.9 | 63.6 | 85. |
| 69.6 | 146.3 | 20622.3 | 50.0 | -60.9 | -99.9 | 5.1 | 5.6 | -0.5 | -5.6 | 500.0 | 500.0 | 99.9 | 99.9 | 65.5 | 86. |
| 99.9 | 99.9 | 99.9 | 25.0 | 59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 50.6 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |

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00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 260
 STEPHENVILLE, TEX

 25 APRIL 1975
 515 GMT

| TIME MIN | CATCY | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.6 | 309.0 | 968.0 | 23.0 | 15.7 | 186.0 | 6.2 | 0.0 | 6.2 | 300.2 | 331.6 | 11.5 | 62.0 | 0.0 | 0. |
| 99.0 | 99.0 | 99.0 | 1000.0 | 59.9 | 3.0 | 69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 99.9 |
| 0.3 | 10.9 | 526.9 | 950.0 | 22.8 | 16.7 | 181.4 | 16.1 | 0.4 | 16.1 | 302.0 | 336.1 | 12.7 | 68.6 | 0.4 | 356. |
| 1.1 | 12.1 | 759.5 | 925.0 | 22.0 | 16.3 | 187.6 | 17.6 | 2.3 | 17.4 | 303.6 | 338.0 | 12.7 | 68.6 | 1.1 | 0. |
| 1.9 | 15.4 | 568.5 | 905.0 | 22.4 | 15.3 | 205.2 | 15.5 | 7.0 | 15.0 | 306.3 | 339.9 | 12.3 | 64.3 | 1.8 | 5. |
| 2.7 | 17.7 | 1243.9 | 875.0 | 21.4 | 14.6 | 223.0 | 15.8 | 10.8 | 11.5 | 307.7 | 340.9 | 12.0 | 65.0 | 2.5 | 12. |
| 3.5 | 20.2 | 1494.9 | 850.0 | 14.5 | 14.3 | 235.5 | 13.5 | 11.1 | 7.6 | 309.2 | 341.9 | 12.2 | 72.2 | 3.2 | 22. |
| 4.3 | 22.3 | 1751.9 | 825.0 | 17.5 | 13.6 | 245.9 | 9.6 | 8.7 | 3.9 | 308.9 | 342.0 | 12.0 | 77.8 | 3.7 | 24. |
| 5.2 | 25.1 | 2014.9 | 800.0 | 16.7 | 9.7 | 273.2 | 8.1 | 8.0 | -0.4 | 310.2 | 337.4 | 9.7 | 64.3 | 3.9 | 3. |
| 6.3 | 27.0 | 2284.9 | 775.0 | 14.6 | 6.0 | 293.0 | 9.8 | 8.1 | -3.4 | 310.5 | 332.2 | 7.6 | 50.3 | 4.1 | 3. |
| 6.9 | 30.4 | 2561.2 | 750.0 | 12.1 | 6.2 | 302.6 | 9.2 | 7.8 | -5.3 | 310.8 | 333.5 | 2.0 | 67.2 | 4.2 | 45. |
| 7.3 | 32.3 | 2944.4 | 725.0 | 9.2 | 5.6 | 255.6 | 10.1 | 8.8 | -5.0 | 310.6 | 333.2 | 7.9 | 76.2 | 4.3 | 51. |
| 8.4 | 35.4 | 3135.0 | 700.0 | 7.4 | -0.9 | 286.7 | 11.9 | 11.4 | -3.4 | 311.3 | 326.4 | 5.1 | 57.7 | 4.6 | 51. |
| 9.5 | 38.1 | 3423.0 | 675.0 | 5.2 | -15.0 | 268.9 | 13.7 | 13.7 | 0.3 | 311.7 | 317.3 | 1.8 | 21.9 | 5.1 | 64. |
| 10.5 | 40.9 | 3741.7 | 650.0 | 6.2 | -38.6 | 250.9 | 14.2 | 13.4 | 4.6 | 316.0 | 317.1 | 0.3 | 3.7 | 5.9 | 60. |
| 11.5 | 43.6 | 4061.4 | 625.0 | 3.9 | -37.3 | 241.6 | 12.4 | 11.0 | 5.7 | 316.9 | 317.9 | 0.2 | 3.0 | 6.7 | 65. |
| 12.4 | 46.0 | 4390.9 | 600.0 | 0.8 | -38.5 | 245.2 | 11.0 | 10.0 | 4.6 | 317.1 | 317.9 | 0.2 | 3.3 | 7.4 | 65. |
| 13.5 | 48.3 | 4730.7 | 575.0 | -2.1 | -39.7 | 258.9 | 11.0 | 10.8 | 2.1 | 317.5 | 318.2 | 0.2 | 3.6 | 8.1 | 65. |
| 14.7 | 52.5 | 5081.9 | 550.0 | -4.9 | -33.2 | 276.0 | 11.8 | 11.8 | 0.0 | 318.3 | 319.8 | 0.4 | 8.8 | 8.8 | 67. |
| 15.9 | 55.0 | 5445.8 | 525.0 | -7.5 | -30.0 | 271.7 | 15.9 | 15.9 | -0.5 | 319.4 | 321.4 | 0.6 | 14.6 | 9.6 | 65. |
| 17.0 | 58.7 | 5923.4 | 500.0 | -10.1 | -23.5 | 267.3 | 19.3 | 19.3 | 0.9 | 320.7 | 321.3 | 0.2 | 4.4 | 10.9 | 72. |
| 18.2 | 64.3 | 6216.7 | 475.0 | -12.8 | -42.8 | 262.8 | 19.8 | 19.7 | 2.5 | 322.1 | 322.7 | 0.2 | 6.7 | 12.2 | 73. |
| 19.6 | 65.4 | 6626.6 | 450.0 | -16.1 | -49.3 | 259.9 | 21.7 | 21.4 | 3.8 | 323.0 | 323.3 | 0.1 | 3.8 | 13.9 | 74. |
| 20.9 | 68.9 | 7054.1 | 425.0 | -19.1 | -50.9 | 265.2 | 21.6 | 21.5 | 1.8 | 324.4 | 324.7 | 0.1 | 4.1 | 15.0 | 71. |
| 22.2 | 72.3 | 7502.1 | 400.0 | -22.8 | -52.9 | 271.5 | 21.5 | 21.5 | -0.5 | 325.4 | 325.6 | 0.1 | 4.5 | 17.2 | 71. |
| 23.6 | 76.3 | 7971.3 | 375.0 | -26.9 | -55.1 | 270.5 | 23.1 | 23.1 | -0.2 | 325.9 | 326.2 | 0.1 | 4.9 | 19.1 | 74. |
| 25.1 | 80.0 | 8464.4 | 350.0 | -31.4 | -57.8 | 265.5 | 26.5 | 26.5 | 0.2 | 326.4 | 326.5 | 0.0 | 5.4 | 21.2 | 74. |
| 26.6 | 83.5 | 8960.4 | 325.0 | -34.4 | -59.6 | 273.1 | 27.3 | 27.3 | -1.5 | 327.1 | 329.3 | 0.0 | 5.7 | 23.6 | 80. |
| 28.4 | 87.5 | 9541.1 | 300.0 | -38.7 | -62.4 | 273.2 | 30.5 | 30.4 | -1.7 | 330.8 | 330.9 | 0.0 | 6.1 | 26.7 | 84. |
| 30.5 | 92.3 | 10132.4 | 275.0 | -41.9 | -69.9 | 275.6 | 36.5 | 36.4 | -3.6 | 334.5 | 334.5 | 99.9 | 999.9 | 30.3 | 83. |
| 33.5 | 96.0 | 10772.1 | 250.0 | -46.8 | -69.9 | 270.5 | 40.6 | 40.6 | -0.3 | 336.6 | 336.6 | 99.9 | 999.9 | 37.3 | 80. |
| 36.7 | 101.6 | 11461.9 | 225.0 | -52.7 | -69.9 | 270.7 | 45.0 | 45.0 | -0.0 | 337.7 | 337.7 | 99.9 | 999.9 | 45.4 | 84. |
| 39.5 | 107.0 | 12212.9 | 200.0 | -58.5 | -69.9 | 270.9 | 45.6 | 45.6 | -0.7 | 340.1 | 340.1 | 99.9 | 999.9 | 53.5 | 87. |
| 42.3 | 112.6 | 13339.7 | 175.0 | -64.7 | -69.9 | 271.8 | 46.5 | 46.5 | -1.5 | 343.2 | 343.2 | 99.9 | 999.9 | 60.5 | 87. |
| 45.5 | 119.0 | 13976.1 | 150.0 | -64.4 | -69.9 | 267.4 | 22.4 | 22.4 | 1.0 | 359.2 | 359.2 | 99.9 | 999.9 | 67.8 | 84. |
| 49.4 | 125.3 | 15070.1 | 125.0 | -65.5 | -69.9 | 265.0 | 35.5 | 35.5 | 0.6 | 376.5 | 376.5 | 99.9 | 999.9 | 75.8 | 84. |
| 53.6 | 132.7 | 16454.5 | 100.0 | -64.7 | -69.9 | 263.2 | 14.2 | 13.8 | -3.2 | 402.7 | 402.7 | 99.9 | 999.9 | 80.4 | 84. |
| 58.6 | 141.7 | 18177.7 | 75.0 | -68.5 | -69.9 | 268.4 | 13.4 | 13.4 | 0.1 | 427.3 | 427.3 | 99.9 | 999.9 | 84.0 | 84. |
| 60.6 | 150.3 | 20679.6 | 50.0 | -68.3 | -69.9 | 311.2 | 8.3 | 6.3 | -5.5 | 506.2 | 506.2 | 99.9 | 999.9 | 86.4 | 84. |
| 60.1 | 160.0 | 25092.0 | 25.0 | -53.9 | -69.9 | 40.5 | 3.9 | -2.5 | -2.9 | 646.2 | 646.2 | 99.9 | 999.9 | 86.8 | 84. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

 ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 265
MIDLAND, TEX

25 APRIL 1975
017 GMT

| TIME MIN | CHCT | HEIGHT GEM | PRES MB | TEMP DG C | DEW PT DG C | DIR DU | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTD GM/KG | PH PCT | RANGE KM | AZ DU |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 11.6 | 873.0 | 911.6 | 15.4 | -0.4 | 140.3 | 3.1 | -2.0 | 2.4 | 256.2 | 308.3 | 4.1 | 34.0 | 0.3 | 0 |
| 0.9 | 96.9 | 99.9 | 1006.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 9.9 | 94.3 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 9.9 | 55.3 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 9.9 | 50.3 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 12.6 | 99.9 | 900.0 | 26.4 | -2.0 | 99.9 | 99.9 | 99.9 | 99.9 | 309.2 | 320.2 | 3.7 | 15.3 | 99.9 | 99.9 |
| 1.3 | 14.7 | 1232.6 | 875.0 | 25.9 | -2.3 | 99.9 | 99.9 | 99.9 | 99.9 | 311.3 | 322.3 | 3.7 | 15.4 | 99.9 | 99.9 |
| 2.2 | 14.6 | 1481.4 | 850.0 | 24.1 | -3.6 | 222.9 | 3.3 | 2.2 | 2.4 | 311.6 | 322.3 | 3.4 | 15.5 | 0.1 | 34.0 |
| 3.2 | 18.9 | 1745.7 | 825.0 | 21.8 | -5.4 | 235.4 | 4.4 | 3.6 | 2.5 | 312.2 | 320.7 | 2.8 | 15.6 | 0.1 | 34.0 |
| 4.1 | 20.9 | 2011.0 | 800.0 | 19.4 | -7.1 | 270.5 | 5.5 | 4.6 | 3.0 | 312.2 | 320.7 | 2.8 | 15.6 | 0.1 | 34.0 |
| 5.0 | 25.3 | 2242.4 | 775.0 | 16.8 | -8.2 | 247.2 | 6.8 | 6.3 | 2.6 | 312.2 | 320.7 | 2.8 | 15.6 | 0.1 | 34.0 |
| 5.8 | 25.5 | 2501.2 | 750.0 | 14.3 | -10.2 | 241.4 | 8.5 | 7.5 | 4.1 | 312.4 | 319.6 | 2.7 | 17.2 | 1.0 | 34.0 |
| 6.8 | 27.8 | 2444.8 | 725.0 | 12.4 | -11.5 | 231.1 | 13.1 | 10.2 | 8.2 | 313.4 | 320.2 | 2.2 | 17.6 | 2.4 | 34.0 |
| 7.9 | 29.2 | 3137.4 | 700.0 | 6.9 | -13.1 | 233.1 | 13.7 | 10.9 | 8.2 | 313.7 | 319.9 | 2.0 | 18.3 | 2.4 | 34.0 |
| 8.9 | 24.7 | 3437.8 | 675.0 | 7.2 | -17.2 | 241.5 | 10.8 | 9.5 | 5.2 | 313.9 | 319.6 | 1.5 | 18.6 | 3.7 | 34.0 |
| 10.0 | 35.3 | 3746.9 | 650.0 | 5.1 | -19.0 | 249.2 | 9.5 | 8.9 | 3.4 | 314.0 | 319.1 | 1.3 | 18.5 | 4.5 | 34.0 |
| 11.2 | 37.7 | 4055.4 | 625.0 | 2.4 | -17.5 | 259.4 | 11.4 | 11.2 | 2.1 | 315.4 | 320.3 | 1.5 | 21.3 | 4.5 | 34.0 |
| 12.4 | 40.3 | 4392.1 | 600.0 | -1.1 | -18.3 | 264.7 | 13.6 | 13.5 | 1.3 | 315.0 | 319.8 | 1.5 | 25.5 | 5.7 | 34.0 |
| 13.6 | 42.9 | 4730.3 | 575.0 | -4.5 | -20.1 | 265.8 | 15.6 | 15.5 | 1.2 | 314.9 | 319.2 | 1.3 | 26.3 | 7.4 | 34.0 |
| 14.9 | 45.8 | 5086.3 | 550.0 | -4.9 | -24.6 | 276.0 | 12.0 | 11.9 | -1.3 | 314.3 | 320.5 | 0.6 | 13.5 | 7.4 | 34.0 |
| 16.1 | 48.7 | 5444.1 | 525.0 | -7.7 | -32.1 | 281.6 | 11.5 | 11.3 | -2.3 | 319.2 | 321.2 | 0.6 | 14.5 | 7.4 | 34.0 |
| 17.7 | 51.5 | 5821.6 | 500.0 | -10.0 | -33.8 | 298.5 | 13.2 | 12.5 | -4.2 | 320.0 | 322.6 | 0.4 | 12.2 | 4.5 | 34.0 |
| 19.0 | 54.6 | 6215.4 | 475.0 | -12.6 | -35.7 | 241.0 | 12.9 | 12.6 | -2.6 | 322.3 | 323.7 | 0.4 | 12.4 | 10.4 | 34.0 |
| 20.4 | 57.6 | 6645.1 | 450.0 | -16.2 | -39.1 | 282.1 | 14.3 | 14.0 | -3.0 | 322.8 | 324.0 | 0.3 | 13.0 | 11.3 | 34.0 |
| 21.7 | 60.9 | 7052.2 | 425.0 | -19.9 | -40.4 | 277.7 | 15.2 | 15.0 | -2.1 | 323.4 | 324.4 | 0.3 | 14.1 | 14.5 | 34.0 |
| 23.3 | 64.6 | 7426.6 | 400.0 | -23.7 | -43.3 | 272.3 | 16.8 | 16.0 | -0.7 | 324.2 | 324.9 | 0.2 | 14.4 | 13.3 | 34.0 |
| 24.9 | 67.7 | 7807.0 | 375.0 | -27.1 | -44.8 | 269.9 | 19.5 | 19.5 | 0.0 | 325.6 | 324.3 | 0.2 | 14.8 | 15.7 | 34.0 |
| 26.8 | 71.3 | 8400.0 | 350.0 | -31.0 | -48.6 | 274.4 | 21.8 | 19.5 | -1.8 | 326.8 | 327.3 | 0.1 | 15.7 | 18.1 | 34.0 |
| 28.0 | 75.3 | 8940.9 | 325.0 | -35.3 | -51.0 | 270.6 | 24.0 | 24.0 | -0.2 | 328.0 | 327.3 | 0.1 | 16.0 | 21.0 | 34.0 |
| 30.9 | 79.3 | 9514.7 | 300.0 | -38.7 | -54.7 | 269.7 | 30.4 | 30.2 | 0.5 | 330.8 | 329.4 | 0.1 | 16.0 | 24.0 | 34.0 |
| 33.1 | 83.6 | 10124.8 | 275.0 | -42.4 | -59.9 | 270.7 | 34.5 | 34.5 | -0.4 | 332.4 | 329.4 | 0.1 | 16.0 | 28.4 | 34.0 |
| 35.8 | 88.0 | 11.00.9 | 250.0 | -46.0 | -64.0 | 266.1 | 35.7 | 35.7 | -2.5 | 334.7 | 329.4 | 0.1 | 16.0 | 34.0 | 34.0 |
| 38.5 | 93.0 | 11446.0 | 225.0 | -54.3 | -69.9 | 263.4 | 37.1 | 36.9 | 4.3 | 335.2 | 329.4 | 0.1 | 16.0 | 34.1 | 34.0 |
| 41.0 | 98.2 | 12186.7 | 200.0 | -61.2 | -74.9 | 263.9 | 36.6 | 34.4 | 2.9 | 335.9 | 329.4 | 0.1 | 16.0 | 34.1 | 34.0 |
| 43.3 | 104.0 | 13002.3 | 175.0 | -68.2 | -79.9 | 270.0 | 37.4 | 37.4 | -0.0 | 337.4 | 329.4 | 0.1 | 16.0 | 45.5 | 34.0 |
| 46.0 | 110.3 | 13942.1 | 150.0 | -64.8 | -74.9 | 274.6 | 30.7 | 30.6 | -2.5 | 338.5 | 329.4 | 0.1 | 16.0 | 50.7 | 34.0 |
| 50.2 | 117.5 | 15054.5 | 125.0 | -65.4 | -69.9 | 255.1 | 25.2 | 24.3 | 5.5 | 376.6 | 329.4 | 0.1 | 16.0 | 62.3 | 34.0 |
| 55.4 | 124.0 | 16353.7 | 100.0 | -68.9 | -69.9 | 273.2 | 25.9 | 25.0 | -1.4 | 394.7 | 329.4 | 0.1 | 16.0 | 70.4 | 34.0 |
| 62.1 | 136.0 | 19126.1 | 75.0 | -65.8 | -69.9 | 232.2 | 8.6 | 5.2 | 4.0 | 424.7 | 329.4 | 0.1 | 16.0 | 76.4 | 34.0 |
| 72.7 | 146.0 | 20455.4 | 50.0 | -58.2 | -69.9 | 323.8 | 8.6 | 5.1 | -7.0 | 566.3 | 329.4 | 0.1 | 16.0 | 80.1 | 34.0 |
| 81.3 | 157.3 | 25016.9 | 25.0 | -54.0 | -69.9 | 8.2 | 4.7 | -0.7 | -4.6 | 629.8 | 329.4 | 0.1 | 16.0 | 80.1 | 34.0 |

0 PV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 304
WATTERS, NC27 APRIL 1975
515 GMT

| TIME MIN | CHCT | HEIGHT GFM | PRES IN | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG C | E POT T DEG C | MR RTO CM/SEC | RM PCT | RANGE NM | AZ DEG |
|-------------|------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|------------------|-----------|-------------|-----------|
| 0.0 | 0.3 | 4.0 | 1017.3 | 20.3 | 10.3 | 230.0 | 7.2 | 5.5 | 4.0 | 233.8 | 323.0 | 11.0 | 70.0 | 0.0 | 0.0 |
| 0.5 | 9.7 | 155.1 | 1000.0 | 20.2 | 10.0 | 222.0 | 23.0 | 15.9 | 17.0 | 234.0 | 323.0 | 10.0 | 72.2 | 0.0 | 4.0 |
| 1.0 | 1.0 | 373.0 | 975.0 | 19.0 | 10.0 | 220.0 | 23.0 | 10.3 | 10.0 | 235.7 | 323.2 | 10.0 | 72.9 | 1.5 | 4.0 |
| 2.0 | 6.0 | 556.0 | 950.0 | 17.2 | 15.5 | 220.0 | 25.7 | 17.0 | 10.0 | 235.0 | 318.2 | 0.0 | 60.0 | 2.0 | 4.0 |
| 3.0 | 11.0 | 823.0 | 925.0 | 16.0 | 7.0 | 220.1 | 25.7 | 19.0 | 10.0 | 236.0 | 315.1 | 0.0 | 55.1 | 3.0 | 4.0 |
| 3.5 | 10.2 | 1026.0 | 900.0 | 15.5 | -0.0 | 230.0 | 23.0 | 20.0 | 12.5 | 236.0 | 309.0 | 4.0 | 32.0 | 4.0 | 4.0 |
| 4.0 | 10.2 | 1295.2 | 875.0 | 15.2 | 3.1 | 245.2 | 22.0 | 20.5 | 7.0 | 300.3 | 315.0 | 5.5 | 30.1 | 5.5 | 4.0 |
| 5.0 | 10.5 | 1540.1 | 850.0 | 13.3 | 5.1 | 250.7 | 20.2 | 19.9 | 3.0 | 300.5 | 319.1 | 6.0 | 50.2 | 6.0 | 5.0 |
| 5.0 | 10.9 | 1701.2 | 825.0 | 12.2 | 6.0 | 265.0 | 20.0 | 20.7 | 3.0 | 302.5 | 322.0 | 7.3 | 50.2 | 7.0 | 5.0 |
| 6.0 | 23.2 | 2000.3 | 800.0 | 9.7 | 6.7 | 267.2 | 21.0 | 21.0 | 1.0 | 302.5 | 323.7 | 7.7 | 81.0 | 8.5 | 6.0 |
| 7.0 | 25.3 | 2311.0 | 775.0 | 7.0 | 6.5 | 272.5 | 19.2 | 19.1 | -1.2 | 303.0 | 320.9 | 7.9 | 92.9 | 9.0 | 6.0 |
| 8.0 | 27.0 | 2581.0 | 750.0 | 4.0 | 4.5 | 270.1 | 17.6 | 17.6 | -1.3 | 300.0 | 320.2 | 7.1 | 107.0 | 10.1 | 6.0 |
| 9.0 | 30.6 | 2959.0 | 725.0 | 4.7 | 1.0 | 265.7 | 15.0 | 15.0 | 0.1 | 305.0 | 322.3 | 6.0 | 80.0 | 11.0 | 6.0 |
| 10.1 | 32.2 | 3105.0 | 700.0 | 4.0 | -0.0 | 245.2 | 12.0 | 12.0 | 1.0 | 307.0 | 322.3 | 5.2 | 71.2 | 11.0 | 6.0 |
| 11.0 | 30.0 | 3405.7 | 675.0 | 2.0 | -3.0 | 263.3 | 13.1 | 12.9 | 1.0 | 308.0 | 319.0 | 3.0 | 50.1 | 12.0 | 7.0 |
| 12.0 | 30.4 | 3700.0 | 650.0 | 0.3 | -11.3 | 250.0 | 15.3 | 10.8 | 3.7 | 305.0 | 317.2 | 2.5 | 41.0 | 13.1 | 7.0 |
| 13.0 | 01.1 | 4050.1 | 625.0 | -0.7 | -25.1 | 251.7 | 17.0 | 10.5 | 5.0 | 311.7 | 310.3 | 0.0 | 13.0 | 14.2 | 7.0 |
| 14.0 | 03.9 | 4302.0 | 600.0 | -3.3 | -27.0 | 250.7 | 20.0 | 19.5 | 4.0 | 312.3 | 310.0 | 0.7 | 13.0 | 15.3 | 7.0 |
| 15.0 | 07.0 | 4717.3 | 575.0 | -6.1 | -12.5 | 261.5 | 19.1 | 19.1 | 2.0 | 313.1 | 321.3 | 1.4 | 30.1 | 16.6 | 7.0 |
| 16.1 | 06.0 | 5064.0 | 550.0 | -8.0 | -20.2 | 260.0 | 10.0 | 10.0 | 2.0 | 310.7 | 319.2 | 1.0 | 30.1 | 17.7 | 7.0 |
| 17.0 | 03.3 | 5323.0 | 525.0 | -11.0 | -21.2 | 259.3 | 17.7 | 17.3 | 3.3 | 310.0 | 318.0 | 1.3 | 40.0 | 18.0 | 7.0 |
| 18.3 | 00.3 | 5566.0 | 500.0 | -12.0 | -27.7 | 243.7 | 17.0 | 17.7 | 1.0 | 317.0 | 317.5 | 0.0 | 10.0 | 19.0 | 7.0 |
| 19.5 | 00.4 | 6100.0 | 475.0 | -15.0 | -37.5 | 272.9 | 10.0 | 10.0 | -0.0 | 319.0 | 319.5 | 0.0 | 1.0 | 20.0 | 7.0 |
| 20.0 | 02.0 | 6593.0 | 450.0 | -17.7 | -50.7 | 272.0 | 10.0 | 10.0 | -2.1 | 320.0 | 321.0 | 0.0 | 1.0 | 22.0 | 7.0 |
| 22.3 | 00.1 | 7017.0 | 425.0 | -21.0 | -50.0 | 272.0 | 10.2 | 10.2 | -0.7 | 321.5 | 321.0 | 0.0 | 2.0 | 23.0 | 7.0 |
| 23.0 | 00.9 | 7401.5 | 400.0 | -25.1 | -50.0 | 260.0 | 17.0 | 17.0 | 0.0 | 322.2 | 322.0 | 0.0 | 2.0 | 25.0 | 7.0 |
| 25.0 | 00.0 | 7927.3 | 375.0 | -28.5 | -60.0 | 270.2 | 10.0 | 10.0 | -0.0 | 323.0 | 323.0 | 0.0 | 2.0 | 26.0 | 7.0 |
| 26.7 | 00.7 | 8017.0 | 350.0 | -32.3 | -62.5 | 267.0 | 10.0 | 10.0 | -0.0 | 323.1 | 323.2 | 0.0 | 3.0 | 28.0 | 7.0 |
| 28.0 | 01.7 | 8530.0 | 325.0 | -36.3 | -60.0 | 263.0 | 17.0 | 17.5 | 1.0 | 320.0 | 320.7 | 0.0 | 3.0 | 30.0 | 7.0 |
| 30.3 | 01.0 | 8900.0 | 300.0 | -40.5 | -60.0 | 255.0 | 17.0 | 17.7 | 1.0 | 320.0 | 320.0 | 0.0 | 3.0 | 30.0 | 7.0 |
| 32.1 | 00.0 | 1072.0 | 275.0 | -45.0 | -60.0 | 240.0 | 10.0 | 10.0 | 7.0 | 325.3 | 325.3 | 0.0 | 3.0 | 32.0 | 7.0 |
| 34.1 | 00.3 | 13700.2 | 250.0 | -51.3 | -60.0 | 240.0 | 10.0 | 10.0 | 7.0 | 325.3 | 325.3 | 0.0 | 3.0 | 32.0 | 7.0 |
| 36.2 | 00.0 | 11375.3 | 225.0 | -57.3 | -60.0 | 243.5 | 17.0 | 15.2 | 7.0 | 320.7 | 320.7 | 0.0 | 3.0 | 32.0 | 7.0 |
| 38.0 | 00.0 | 12111.0 | 200.0 | -62.0 | -60.0 | 247.0 | 10.0 | 10.0 | 2.0 | 321.3 | 321.3 | 0.0 | 3.0 | 32.0 | 7.0 |
| 40.7 | 00.0 | 12920.5 | 175.0 | -66.0 | -60.0 | 245.0 | 21.0 | 21.0 | -2.0 | 320.0 | 320.0 | 0.0 | 3.0 | 32.0 | 7.0 |
| 43.0 | 00.0 | 13904.0 | 150.0 | -61.0 | -60.0 | 245.1 | 23.0 | 23.0 | -0.2 | 320.0 | 320.0 | 0.0 | 3.0 | 32.0 | 7.0 |
| 45.0 | 00.0 | 14900.0 | 125.0 | -60.0 | -60.0 | 209.1 | 31.0 | 20.3 | -10.1 | 303.7 | 303.7 | 0.0 | 3.0 | 32.0 | 7.0 |
| 48.0 | 00.0 | 16372.0 | 100.0 | -44.0 | -60.0 | 270.5 | 10.2 | 17.0 | -3.0 | 432.0 | 432.0 | 0.0 | 3.0 | 32.0 | 7.0 |
| 50.7 | 00.7 | 18119.0 | 75.0 | -60.0 | -60.0 | 257.1 | 0.7 | 0.5 | 1.0 | 432.0 | 432.0 | 0.0 | 3.0 | 32.0 | 7.0 |
| 53.0 | 00.0 | 20000.1 | 50.0 | -61.1 | -60.0 | 50.0 | 2.0 | -2.0 | -1.0 | 430.5 | 430.5 | 0.0 | 3.0 | 32.0 | 7.0 |
| 55.0 | 00.0 | 25002.0 | 25.0 | -61.5 | -60.0 | 90.0 | 0.5 | -0.5 | 0.0 | 431.3 | 431.3 | 0.0 | 3.0 | 32.0 | 7.0 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 311
ATHENS, GA25 APRIL 1975
600 GMT

| TIME MIN | CATCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR LG | SPEED M/SEC | U COMP M/SEC | " COMP M/SEC | P. T DG | E PCT Y DG K | MX RTO GM/KG | RM PCT | RANGL KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 7.1 | 240.0 | 987.5 | 18.9 | 16.7 | 210.0 | 3.1 | 1.5 | 2.7 | 294.7 | 326.5 | 12.2 | 87.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 8.3 | 355.7 | 975.0 | 18.5 | 15.6 | 241.3 | 15.3 | 13.9 | 6.4 | 293.3 | 325.5 | 11.6 | 83.6 | 0.2 | 72. |
| 1.2 | 10.5 | 579.6 | 957.0 | 19.0 | 15.9 | 242.6 | 17.1 | 15.2 | 7.9 | 294.1 | 330.0 | 12.1 | 82.0 | 0.4 | 54. |
| 2.1 | 12.7 | 804.9 | 925.0 | 17.5 | 15.1 | 244.8 | 18.0 | 15.3 | 7.7 | 294.7 | 334.9 | 11.8 | 85.9 | 1.9 | 54. |
| 2.9 | 15.3 | 1043.1 | 900.7 | 16.4 | 13.2 | 242.6 | 16.1 | 15.4 | 4.8 | 295.8 | 328.4 | 10.7 | 81.2 | 2.7 | 61. |
| 3.7 | 17.1 | 1283.6 | 875.0 | 15.0 | 10.0 | 250.5 | 12.7 | 12.4 | 3.0 | 301.5 | 325.7 | 8.9 | 67.8 | 3.4 | 67. |
| 4.6 | 19.5 | 1529.9 | 850.0 | 14.4 | 8.7 | 251.8 | 11.3 | 10.8 | 3.5 | 302.3 | 325.3 | 8.4 | 68.9 | 4.0 | 60. |
| 5.5 | 21.9 | 1781.7 | 825.0 | 12.6 | 8.1 | 251.8 | 8.8 | 8.4 | 2.8 | 303.0 | 325.7 | 8.3 | 74.0 | 4.6 | 67. |
| 6.3 | 24.3 | 2039.6 | 800.0 | 10.4 | 7.5 | 251.6 | 8.2 | 7.9 | 2.3 | 303.4 | 325.9 | 8.2 | 82.0 | 5.1 | 67. |
| 7.1 | 26.6 | 2303.1 | 775.0 | 8.6 | 6.7 | 250.9 | 7.4 | 7.2 | 1.9 | 304.1 | 326.3 | 8.0 | 87.0 | 5.5 | 64. |
| 8.6 | 29.2 | 2575.2 | 750.0 | 8.1 | 1.2 | 281.2 | 5.3 | 5.2 | -1.0 | 305.1 | 322.0 | 5.6 | 61.7 | 5.9 | 50. |
| 9.5 | 31.9 | 2854.6 | 725.0 | 6.3 | -1.4 | 280.8 | 5.2 | 4.9 | -1.7 | 307.0 | 320.8 | 4.8 | 57.9 | 6.1 | 71. |
| 10.5 | 34.4 | 3142.4 | 700.0 | 6.2 | -9.1 | 281.3 | 8.4 | 8.3 | -1.7 | 309.7 | 317.9 | 2.7 | 32.0 | 6.4 | 77. |
| 11.6 | 37.0 | 3439.6 | 675.0 | 5.2 | -18.1 | 278.7 | 12.6 | 12.4 | -1.9 | 311.6 | 315.9 | 1.4 | 16.6 | 7.1 | 75. |
| 12.6 | 39.8 | 3746.2 | 650.0 | 2.6 | -20.1 | 275.2 | 13.7 | 13.6 | -1.2 | 315.1 | 315.9 | 1.2 | 16.8 | 7.2 | 77. |
| 13.7 | 42.4 | 4061.8 | 625.0 | 0.2 | -22.0 | 274.3 | 13.9 | 13.8 | -1.5 | 318.8 | 316.2 | 1.0 | 17.0 | 8.9 | 79. |
| 15.0 | 45.3 | 4387.7 | 600.0 | -1.8 | -23.5 | 284.7 | 14.7 | 14.2 | -3.7 | 314.1 | 317.2 | 1.0 | 17.1 | 9.7 | 81. |
| 16.2 | 48.3 | 4777.5 | 575.0 | -4.5 | -22.6 | 287.1 | 16.6 | 15.9 | -5.5 | 314.8 | 318.3 | .1 | 22.6 | 10.8 | 84. |
| 17.5 | 51.0 | 5072.3 | 550.0 | -7.8 | -23.5 | 288.2 | 18.3 | 17.4 | -5.7 | 314.9 | 318.2 | 1.0 | 26.9 | 12.0 | 87. |
| 18.7 | 53.1 | 5431.9 | 525.0 | -10.7 | -33.6 | 288.3 | 16.1 | 15.3 | -5.1 | 315.6 | 317.0 | 0.4 | 13.2 | 13.2 | 84. |
| 20.1 | 57.1 | 5806.1 | 500.0 | -12.6 | -35.0 | 287.5 | 14.1 | 13.4 | -4.2 | 317.7 | 319.0 | 0.4 | 13.3 | 14.4 | 90. |
| 21.4 | 60.4 | 6197.2 | 475.0 | -13.9 | -36.0 | 283.5 | 14.3 | 13.9 | -3.3 | 320.7 | 322.0 | 0.4 | 13.4 | 15.5 | 91. |
| 22.9 | 63.9 | 6605.3 | 450.0 | -17.0 | -38.3 | 277.8 | 12.8 | 12.7 | -1.5 | 321.8 | 322.9 | 0.3 | 13.7 | 16.6 | 94. |
| 24.3 | 67.1 | 7070.8 | 425.0 | -21.0 | -41.3 | 272.4 | 13.0 | 13.0 | -0.5 | 322.0 | 322.9 | 0.2 | 14.0 | 17.4 | 92. |
| 25.9 | 70.6 | 7475.6 | 400.0 | -24.7 | -44.2 | 269.5 | 14.6 | 14.6 | 0.1 | 322.8 | 323.5 | 0.2 | 14.3 | 19.0 | 92. |
| 27.3 | 74.3 | 7941.3 | 375.0 | -28.9 | -47.4 | 268.8 | 18.1 | 18.1 | 0.4 | 323.3 | 323.9 | 0.1 | 14.7 | 20.5 | 92. |
| 29.0 | 78.2 | 8430.5 | 350.0 | -33.3 | -50.8 | 271.8 | 18.8 | 18.8 | -0.6 | 323.8 | 324.2 | 0.1 | 15.1 | 22.2 | 94. |
| 30.7 | 82.0 | 8947.1 | 325.0 | -37.1 | -53.9 | 276.0 | 21.5 | 20.8 | -2.2 | 325.4 | 325.7 | 0.1 | 15.4 | 24.3 | 92. |
| 32.7 | 86.3 | 9496.4 | 300.0 | -40.9 | -56.9 | 280.9 | 21.2 | 20.8 | -4.7 | 327.7 | 327.9 | 99.9 | 99.9 | 26.9 | 93. |
| 34.8 | 90.5 | 10082.8 | 275.0 | -45.3 | -59.9 | 284.9 | 22.4 | 21.6 | -5.7 | 329.7 | 329.9 | 99.9 | 99.9 | 29.3 | 94. |
| 37.2 | 95.3 | 10712.4 | 250.0 | -50.3 | -59.9 | 293.7 | 25.9 | 23.8 | -10.4 | 331.3 | 331.9 | 99.9 | 99.9 | 33.1 | 95. |
| 39.5 | 100.2 | 11391.0 | 225.0 | -56.1 | -59.9 | 299.4 | 24.3 | 23.3 | -11.6 | 335.5 | 335.9 | 99.9 | 99.9 | 36.3 | 97. |
| 42.0 | 105.4 | 12131.0 | 200.0 | -61.3 | -59.9 | 303.9 | 30.6 | 28.4 | -17.1 | 335.7 | 335.9 | 99.9 | 99.9 | 40.1 | 99. |
| 45.1 | 111.2 | 12951.6 | 175.0 | -65.2 | -59.9 | 308.9 | 30.2 | 28.5 | -18.9 | 342.4 | 342.9 | 99.9 | 99.9 | 45.2 | 103. |
| 48.6 | 117.5 | 13897.3 | 150.0 | -63.6 | -59.9 | 284.0 | 30.1 | 29.1 | -7.3 | 360.5 | 360.5 | 99.9 | 99.9 | 51.2 | 105. |
| 52.7 | 124.8 | 15014.9 | 125.0 | -61.9 | -59.9 | 275.7 | 29.3 | 28.2 | -2.9 | 380.0 | 380.0 | 99.9 | 99.9 | 58.0 | 104. |
| 57.2 | 132.7 | 16368.9 | 100.0 | -65.9 | -59.9 | 258.9 | 13.7 | 13.2 | 3.6 | 400.5 | 400.5 | 99.9 | 99.9 | 63.3 | 103. |
| 63.0 | 141.3 | 18125.4 | 75.0 | -68.5 | -59.9 | 281.3 | 8.3 | 8.2 | -1.6 | 420.3 | 420.3 | 99.9 | 99.9 | 67.4 | 103. |
| 71.1 | 151.0 | 20603.7 | 50.0 | -62.5 | -59.9 | 26.0 | 7.4 | 7.3 | -1.3 | 490.3 | 490.3 | 99.9 | 99.9 | 69.4 | 103. |
| 83.5 | 161.9 | 24975.1 | 25.0 | -54.2 | -59.9 | 80.8 | -4.4 | -4.3 | -0.7 | 620.0 | 620.0 | 99.9 | 99.9 | 73.2 | 104. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 317
GREENSBORO, NC

25 APRIL 1975
015 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCNP M/SEC | PCT Y DG K | E PNT Y DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.9 | 275.0 | 982.8 | 21.1 | 16.5 | 210.0 | 5.1 | 2.5 | 4.4 | 297.3 | 329.3 | 12.1 | 75.0 | 0.3 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 210.0 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.1 | 8.6 | 344.1 | 975.0 | 20.5 | 12.9 | 226.4 | 11.9 | 9.0 | 7.7 | 297.1 | 322.8 | 9.7 | 61.9 | 0.3 | 41. |
| 1.0 | 10.8 | 562.3 | 950.0 | 19.0 | 12.7 | 236.1 | 14.6 | 12.1 | 8.1 | 297.8 | 323.8 | 9.8 | 66.6 | 0.7 | 47. |
| 1.9 | 13.2 | 797.1 | 925.0 | 17.1 | 12.4 | 246.1 | 18.5 | 16.9 | 7.5 | 298.1 | 324.4 | 9.8 | 73.6 | 1.5 | 55. |
| 2.7 | 15.5 | 1031.3 | 900.0 | 16.4 | 11.5 | 256.2 | 20.7 | 19.9 | 5.6 | 299.7 | 325.4 | 9.5 | 72.6 | 2.5 | 61. |
| 3.4 | 17.9 | 1271.0 | 875.0 | 15.4 | 10.0 | 258.5 | 19.1 | 15.8 | 3.2 | 300.9 | 325.1 | 8.9 | 70.5 | 3.3 | 55. |
| 4.3 | 20.3 | 1516.5 | 850.0 | 13.5 | 9.8 | 268.1 | 13.6 | 13.6 | 0.4 | 301.9 | 324.3 | 8.4 | 73.2 | 4.0 | 68. |
| 5.1 | 22.7 | 1767.6 | 825.0 | 11.5 | 8.6 | 278.2 | 18.6 | 16.4 | -2.6 | 302.6 | 323.6 | 7.7 | 80.6 | 5.5 | 77. |
| 6.0 | 25.3 | 2024.7 | 800.0 | 9.8 | 6.6 | 290.6 | 17.9 | 15.9 | -8.4 | 303.6 | 320.8 | 6.1 | 88.4 | 6.3 | 83. |
| 7.0 | 27.9 | 2288.2 | 775.0 | 8.4 | 2.0 | 297.8 | 18.3 | 15.6 | -5.6 | 304.1 | 317.0 | 5.2 | 85.4 | 7.2 | 88. |
| 7.9 | 30.4 | 2555.5 | 750.0 | 6.3 | 0.3 | 301.8 | 19.8 | 16.0 | -9.9 | 304.7 | 318.5 | 4.8 | 88.0 | 8.1 | 92. |
| 8.9 | 33.2 | 2835.8 | 725.0 | 4.2 | -1.2 | 301.8 | 18.7 | 16.3 | -9.1 | 305.3 | 321.9 | 5.9 | 94.0 | 9.0 | 96. |
| 9.9 | 35.8 | 3120.4 | 700.0 | 1.8 | 0.9 | 299.2 | 19.2 | 16.8 | -9.4 | 306.2 | 321.7 | 5.4 | 96.3 | 10.0 | 94. |
| 10.9 | 38.5 | 3413.1 | 675.0 | -0.1 | -0.6 | 299.3 | 19.6 | 16.4 | -10.8 | 307.8 | 308.4 | 0.2 | 3.1 | 11.1 | 107. |
| 11.9 | 41.3 | 3715.0 | 650.0 | -1.0 | -40.6 | 303.3 | 19.6 | 15.6 | -8.6 | 309.4 | 314.9 | 1.8 | 36.1 | 12.3 | 123. |
| 12.9 | 44.2 | 4020.8 | 625.0 | -2.9 | -16.0 | 289.9 | 17.8 | 14.5 | -5.1 | 311.5 | 311.7 | 0.0 | 1.0 | 13.4 | 104. |
| 13.0 | 47.3 | 4345.7 | 600.0 | -4.0 | -52.3 | 289.4 | 15.4 | 14.5 | -4.7 | 316.8 | 317.1 | 0.1 | 1.0 | 14.3 | 104. |
| 14.0 | 50.3 | 4686.5 | 575.0 | -2.7 | -51.6 | 282.1 | 15.2 | 13.8 | -6.5 | 318.0 | 318.2 | 0.1 | 1.1 | 15.2 | 104. |
| 15.0 | 53.3 | 5037.1 | 550.0 | -5.1 | -52.1 | 293.2 | 15.2 | 13.6 | -6.8 | 319.2 | 319.4 | 0.1 | 1.4 | 16.4 | 104. |
| 16.1 | 56.3 | 5400.7 | 525.0 | -7.7 | -51.9 | 293.4 | 17.0 | 13.6 | -7.5 | 319.4 | 319.7 | 0.1 | 1.4 | 17.6 | 104. |
| 17.3 | 59.3 | 5777.5 | 500.0 | -11.1 | -52.3 | 290.7 | 21.4 | 20.0 | -7.5 | 320.0 | 320.2 | 0.1 | 2.1 | 19.0 | 104. |
| 18.4 | 62.3 | 6169.4 | 475.0 | -14.5 | -53.0 | 290.8 | 21.4 | 19.6 | -6.4 | 320.9 | 321.1 | 0.1 | 2.9 | 20.5 | 104. |
| 19.4 | 65.3 | 6575.2 | 450.0 | -17.8 | -54.0 | 286.0 | 20.6 | 19.6 | -6.4 | 321.4 | 321.6 | 0.0 | 2.9 | 21.5 | 104. |
| 20.6 | 68.3 | 6949.4 | 425.0 | -21.4 | -55.4 | 283.0 | 19.2 | 18.7 | -6.3 | 321.8 | 322.8 | 0.0 | 3.2 | 23.3 | 104. |
| 21.7 | 70.0 | 7243.6 | 400.0 | -24.7 | -56.8 | 280.0 | 18.7 | 18.7 | -7.1 | 323.5 | 323.7 | 0.0 | 3.7 | 24.8 | 104. |
| 22.9 | 73.5 | 7599.9 | 375.0 | -28.7 | -58.8 | 280.8 | 17.9 | 16.8 | -6.4 | 324.6 | 324.7 | 0.0 | 4.1 | 26.5 | 104. |
| 24.2 | 77.5 | 7999.4 | 350.0 | -32.7 | -60.9 | 280.8 | 21.4 | 21.0 | -3.7 | 326.5 | 326.6 | 0.0 | 4.5 | 28.6 | 104. |
| 25.8 | 81.3 | 8399.4 | 325.0 | -36.4 | -62.9 | 269.9 | 21.8 | 21.8 | 0.0 | 327.9 | 327.9 | 99.9 | 999.9 | 30.6 | 104. |
| 27.4 | 85.5 | 8917.6 | 300.0 | -40.8 | -64.9 | 269.9 | 21.8 | 21.8 | 0.0 | 328.5 | 328.5 | 99.9 | 999.9 | 32.8 | 104. |
| 29.0 | 89.9 | 9467.2 | 275.0 | -45.4 | -66.9 | 269.9 | 21.8 | 21.8 | 0.0 | 329.1 | 329.1 | 99.9 | 999.9 | 35.4 | 104. |
| 30.3 | 94.6 | 10053.5 | 250.0 | -50.4 | -68.9 | 269.9 | 21.8 | 21.8 | 0.0 | 330.1 | 330.1 | 99.9 | 999.9 | 37.6 | 104. |
| 32.5 | 99.9 | 10682.5 | 225.0 | -55.1 | -70.9 | 269.9 | 21.8 | 21.8 | 0.0 | 331.1 | 331.1 | 99.9 | 999.9 | 41.3 | 104. |
| 34.2 | 104.5 | 11363.3 | 200.0 | -61.1 | -72.9 | 269.9 | 21.8 | 21.8 | 0.0 | 332.1 | 332.1 | 99.9 | 999.9 | 45.5 | 99. |
| 36.2 | 110.2 | 12103.8 | 175.0 | -65.7 | -74.9 | 269.9 | 21.8 | 21.8 | 0.0 | 333.1 | 333.1 | 99.9 | 999.9 | 49.9 | 104. |
| 38.9 | 116.3 | 12920.7 | 150.0 | -63.4 | -76.9 | 269.9 | 21.8 | 21.8 | 0.0 | 334.1 | 334.1 | 99.9 | 999.9 | 54.1 | 104. |
| 41.7 | 123.0 | 13861.3 | 125.0 | -62.1 | -78.9 | 269.9 | 21.8 | 21.8 | 0.0 | 335.1 | 335.1 | 99.9 | 999.9 | 58.6 | 104. |
| 45.5 | 130.5 | 14987.0 | 100.0 | -63.3 | -80.9 | 269.9 | 21.8 | 21.8 | 0.0 | 336.1 | 336.1 | 99.9 | 999.9 | 63.1 | 104. |
| 50.2 | 138.3 | 16370.0 | 75.0 | -65.8 | -82.9 | 269.9 | 21.8 | 21.8 | 0.0 | 337.1 | 337.1 | 99.9 | 999.9 | 68.6 | 104. |
| 56.8 | 146.3 | 18119.0 | 50.0 | -68.9 | -84.9 | 269.9 | 21.8 | 21.8 | 0.0 | 338.1 | 338.1 | 99.9 | 999.9 | 74.1 | 104. |
| 99.9 | 99.9 | 99.9 | 25.0 | 69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 327
NASHVILLE, TENN25 APRIL 1975
520 GMT

142 76.0 U

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT T DG K | E POI DG K | MAX WIND GM/KG | RM PCT | RANJF KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|---------------|-------------------|-----------|-------------|----------|
| 7.0 | 5.5 | 187.0 | 989.4 | 21.0 | 17.6 | 180.0 | 5.1 | 0.0 | 5.1 | 290.8 | 330.7 | 13.0 | 81.0 | 0.0 | 0 |
| 99.9 | 99.9 | 59.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 6.7 | 308.0 | 975.0 | 22.6 | 17.7 | 200.3 | 15.2 | 5.3 | 18.2 | 299.7 | 338.8 | 13.3 | 74.1 | 0.4 | 35.0 |
| 1.2 | 8.9 | 534.4 | 950.0 | 21.8 | 17.1 | 207.8 | 17.5 | 8.1 | 15.5 | 301.1 | 335.9 | 13.1 | 74.7 | 0.9 | 1.0 |
| 1.9 | 10.3 | 765.9 | 925.0 | 20.6 | 15.7 | 220.7 | 21.2 | 13.9 | 16.1 | 302.1 | 335.1 | 12.3 | 73.5 | 1.7 | 23.0 |
| 2.7 | 13.2 | 1002.9 | 900.0 | 19.1 | 14.0 | 229.3 | 22.3 | 16.9 | 14.5 | 302.8 | 334.6 | 11.8 | 75.2 | 2.7 | 32.0 |
| 3.5 | 15.4 | 1245.1 | 875.0 | 16.9 | 14.5 | 230.9 | 22.2 | 17.2 | 14.0 | 303.0 | 335.3 | 12.0 | 85.4 | 3.8 | 37.0 |
| 4.3 | 17.6 | 1452.1 | 850.0 | 14.7 | 13.5 | 232.2 | 22.2 | 17.5 | 13.6 | 303.1 | 334.3 | 11.5 | 52.4 | 4.8 | 40.0 |
| 5.1 | 20.1 | 1744.5 | 825.0 | 12.7 | 11.5 | 232.6 | 19.6 | 15.6 | 11.9 | 303.4 | 331.9 | 10.4 | 92.6 | 5.9 | 40.0 |
| 5.7 | 22.3 | 2003.1 | 800.0 | 11.2 | 9.9 | 236.3 | 17.0 | 14.2 | 9.4 | 304.3 | 332.8 | 9.7 | 91.9 | 6.7 | 40.0 |
| 6.5 | 24.9 | 2246.1 | 775.0 | 9.2 | 8.0 | 233.0 | 14.4 | 11.5 | 8.7 | 304.8 | 329.0 | 8.7 | 91.7 | 7.5 | 40.0 |
| 7.6 | 27.1 | 2539.8 | 750.0 | 7.6 | 6.4 | 230.2 | 12.9 | 9.9 | 8.3 | 305.9 | 324.5 | 8.1 | 91.7 | 8.2 | 40.0 |
| 8.7 | 29.7 | 2819.2 | 725.0 | 6.0 | 2.9 | 236.4 | 12.6 | 10.5 | 6.9 | 306.8 | 325.3 | 6.5 | 60.3 | 8.9 | 40.0 |
| 9.7 | 32.3 | 3106.4 | 700.0 | 5.2 | -5.0 | 245.8 | 15.3 | 13.9 | 6.3 | 308.8 | 320.0 | 3.6 | 48.1 | 9.4 | 40.0 |
| 10.7 | 35.1 | 3403.1 | 675.0 | 4.6 | -15.8 | 249.4 | 18.0 | 16.9 | 6.4 | 311.0 | 315.2 | 1.7 | 21.1 | 10.7 | 40.0 |
| 11.8 | 37.7 | 3705.1 | 650.0 | 2.1 | -21.1 | 252.3 | 20.9 | 19.9 | 6.5 | 311.5 | 315.0 | 1.1 | 14.0 | 11.2 | 40.0 |
| 12.8 | 40.5 | 4024.3 | 625.0 | -0.2 | -18.0 | 252.6 | 22.9 | 21.9 | 6.9 | 312.3 | 317.0 | 1.5 | 28.7 | 13.1 | 40.0 |
| 13.8 | 43.3 | 4349.2 | 600.0 | -2.9 | -18.5 | 250.5 | 25.3 | 23.9 | 8.4 | 312.9 | 317.6 | 1.5 | 28.9 | 14.3 | 40.0 |
| 14.0 | 46.3 | 4685.2 | 575.0 | -4.9 | -22.2 | 245.4 | 28.5 | 26.8 | 9.8 | 314.4 | 318.0 | 1.1 | 24.3 | 17.4 | 40.0 |
| 14.1 | 49.4 | 5023.1 | 550.0 | -7.7 | -17.8 | 251.1 | 29.4 | 27.8 | 9.5 | 315.2 | 320.6 | 1.7 | 43.8 | 14.0 | 40.0 |
| 17.4 | 52.4 | 5393.6 | 525.0 | -10.2 | -18.0 | 259.5 | 29.1 | 28.7 | 5.3 | 316.3 | 321.6 | 1.7 | 49.4 | 20.5 | 40.0 |
| 18.7 | 55.6 | 5767.9 | 500.0 | -12.3 | -32.7 | 261.2 | 29.6 | 29.3 | 4.5 | 316.0 | 321.6 | 0.5 | 17.0 | 22.6 | 40.0 |
| 19.9 | 58.9 | 6154.2 | 475.0 | -14.2 | -37.3 | 262.0 | 26.3 | 26.1 | 3.6 | 320.4 | 321.6 | 0.3 | 12.2 | 24.7 | 40.0 |
| 21.4 | 62.4 | 6556.3 | 450.0 | -17.0 | -60.7 | 261.7 | 27.6 | 27.3 | 4.0 | 321.8 | 321.8 | 0.0 | 1.0 | 26.4 | 40.0 |
| 22.9 | 66.0 | 6991.8 | 425.0 | -20.3 | -56.6 | 259.0 | 30.0 | 29.5 | 5.7 | 322.9 | 323.1 | 0.0 | 2.3 | 28.3 | 40.0 |
| 24.2 | 69.8 | 7437.5 | 400.0 | -23.7 | -52.2 | 261.3 | 33.4 | 33.0 | 5.0 | 324.2 | 324.5 | 0.1 | 5.5 | 31.9 | 40.0 |
| 25.7 | 73.5 | 7906.4 | 375.0 | -26.7 | -55.7 | 273.5 | 29.4 | 29.3 | -1.6 | 326.2 | 325.5 | 0.1 | 6.6 | 34.0 | 40.0 |
| 27.1 | 77.7 | 8400.2 | 350.0 | -30.8 | -42.2 | 276.8 | 32.9 | 32.7 | -3.9 | 327.2 | 328.1 | 0.3 | 31.2 | 36.3 | 40.0 |
| 28.8 | 82.3 | 8921.7 | 325.0 | -35.3 | -47.5 | 280.9 | 30.5 | 29.9 | -5.7 | 327.9 | 328.5 | 0.2 | 27.4 | 36.4 | 40.0 |
| 30.4 | 86.4 | 9474.0 | 300.0 | -40.2 | -59.9 | 277.3 | 32.2 | 32.0 | -4.1 | 328.6 | 329.9 | 99.9 | 99.9 | 42.9 | 40.0 |
| 32.1 | 91.2 | 10061.0 | 275.0 | -45.5 | -69.9 | 276.8 | 30.1 | 29.9 | -3.6 | 329.3 | 329.9 | 99.9 | 99.9 | 45.4 | 40.0 |
| 34.3 | 96.4 | 10690.7 | 250.0 | -50.2 | -99.9 | 281.0 | 33.0 | 32.4 | -6.3 | 331.4 | 329.9 | 99.9 | 99.9 | 48.1 | 40.0 |
| 36.3 | 102.3 | 11369.0 | 225.0 | -56.3 | -99.9 | 280.8 | 41.7 | 41.0 | -7.7 | 332.2 | 329.9 | 99.9 | 99.9 | 53.5 | 40.0 |
| 38.2 | 108.0 | 12104.9 | 200.0 | -63.2 | -99.9 | 288.0 | 44.7 | 42.5 | -13.8 | 332.6 | 329.9 | 99.9 | 99.9 | 58.1 | 40.0 |
| 40.2 | 114.5 | 12914.1 | 175.0 | -65.5 | -99.9 | 291.3 | 33.9 | 31.5 | -12.3 | 341.8 | 329.9 | 99.9 | 99.9 | 62.3 | 40.0 |
| 43.2 | 121.7 | 13847.8 | 150.0 | -66.1 | -99.9 | 268.3 | 34.1 | 34.1 | 1.0 | 350.3 | 329.9 | 99.9 | 99.9 | 67.7 | 40.0 |
| 47.3 | 125.3 | 14946.2 | 125.0 | -59.5 | -99.9 | 287.0 | 19.8 | 18.9 | -5.8 | 387.3 | 329.9 | 99.9 | 99.9 | 75.1 | 40.0 |
| 52.3 | 128.0 | 16358.5 | 100.0 | -63.2 | -99.9 | 258.8 | 23.2 | 22.8 | 4.5 | 405.5 | 329.9 | 99.9 | 99.9 | 81.2 | 40.0 |
| 99.9 | 99.9 | 99.9 | 75.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 • BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 • BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 34C
LITTLE ROCK, ARK

25 APRIL 1975
515 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCHP M/SEC | POT Y DG K | E POT Y DG K | MR RTO GM/KG | PH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0-0 | 5-9 | 79-0 | 1002-7 | 24-4 | 18-3 | 200-0 | 5-1 | 1-7 | 4-8 | 299-1 | 334-5 | 13-4 | 69-0 | 0-7 | 0- |
| 0-1 | 6-1 | 102-9 | 1000-0 | 25-0 | 18-8 | 203-0 | 18-5 | 7-2 | 17-0 | 300-0 | 336-7 | 13-8 | 68-4 | 0-1 | 20- |
| 0-8 | 8-5 | 325-4 | 975-0 | 23-8 | 18-1 | 204-2 | 17-4 | 7-1 | 15-9 | 301-0 | 337-2 | 13-6 | 70-7 | 0-4 | 24- |
| 1-5 | 10-3 | 552-5 | 950-0 | 21-7 | 17-5 | 210-5 | 17-0 | 8-6 | 14-7 | 301-0 | 336-8 | 13-4 | 77-2 | 1-2 | 25- |
| 2-4 | 13-3 | 784-1 | 925-0 | 20-3 | 17-3 | 222-6 | 20-0 | 13-6 | 14-7 | 301-9 | 334-3 | 13-6 | 82-8 | 2-1 | 30- |
| 3-2 | 15-7 | 1020-9 | 900-0 | 18-8 | 16-0 | 230-2 | 21-3 | 16-4 | 13-6 | 302-6 | 337-2 | 12-8 | 83-7 | 3-1 | 30- |
| 4-0 | 18-2 | 1252-9 | 875-0 | 17-4 | 14-7 | 235-8 | 19-7 | 16-3 | 11-1 | 303-5 | 336-3 | 12-1 | 83-7 | 4-0 | 40- |
| 4-9 | 20-4 | 1510-7 | 850-0 | 15-9 | 12-2 | 247-8 | 17-4 | 16-1 | 6-6 | 304-3 | 333-3 | 10-6 | 78-7 | 5-7 | 44- |
| 5-9 | 23-2 | 1764-2 | 825-0 | 14-3 | 10-9 | 259-8 | 16-0 | 15-8 | 2-8 | 305-0 | 332-6 | 10-0 | 80-2 | 5-9 | 44- |
| 6-8 | 25-8 | 2023-9 | 800-0 | 12-8 | 8-4 | 267-3 | 17-5 | 17-4 | 0-8 | 305-9 | 330-1 | 8-7 | 74-7 | 6-7 | 54- |
| 7-9 | 28-4 | 2250-4 | 775-0 | 11-0 | 6-4 | 276-7 | 16-9 | 16-8 | -2-7 | 306-6 | 328-6 | 7-8 | 73-3 | 7-4 | 54- |
| 8-7 | 31-2 | 2563-7 | 750-0 | 9-5 | 4-1 | 278-8 | 17-5 | 17-3 | -2-7 | 307-8 | 327-3 | 6-9 | 69-4 | 8-2 | 63- |
| 9-7 | 34-1 | 2843-5 | 725-0 | 6-8 | 0-7 | 271-2 | 18-0 | 18-0 | -0-4 | 307-7 | 323-7 | 5-6 | 65-1 | 9-1 | 67- |
| 10-6 | 36-3 | 3131-5 | 700-0 | 4-4 | -1-4 | 254-1 | 19-3 | 18-5 | 5-3 | 308-0 | 322-3 | 4-9 | 65-7 | 12-0 | 64- |
| 11-4 | 38-3 | 3427-4 | 675-0 | 3-5 | -6-1 | 241-4 | 20-9 | 18-3 | 10-0 | 310-1 | 321-0 | 3-3 | 65-2 | 13-0 | 64- |
| 12-3 | 42-5 | 3732-7 | 650-0 | 1-5 | -7-7 | 233-7 | 23-8 | 19-2 | 14-1 | 311-1 | 321-0 | 2-9 | 50-2 | 14-1 | 67- |
| 13-3 | 45-6 | 4047-6 | 625-0 | -0-7 | -9-7 | 232-1 | 30-3 | 23-9 | 18-6 | 312-0 | 321-0 | 2-1 | 41-5 | 15-2 | 64- |
| 14-1 | 48-6 | 4372-3 | 600-0 | -3-2 | -14-4 | 233-2 | 32-5 | 26-0 | 19-5 | 312-6 | 319-1 | 2-1 | 50-5 | 13-6 | 64- |
| 14-9 | 51-6 | 4707-3 | 575-0 | -6-2 | -15-4 | 235-2 | 31-4 | 25-7 | 17-9 | 313-0 | 319-2 | 2-0 | 48-1 | 16-7 | 61- |
| 15-8 | 55-7 | 5053-0 | 550-0 | -9-7 | -16-5 | 236-9 | 32-3 | 27-1 | 17-6 | 312-7 | 318-7 | 1-9 | 57-5 | 18-4 | 61- |
| 16-6 | 58-1 | 5411-0 | 525-0 | -10-8 | -18-8 | 235-3 | 33-7 | 27-7 | 19-2 | 315-9 | 325-7 | 3-2 | 99-6 | 20-1 | 62- |
| 17-9 | 61-6 | 5786-3 | 500-0 | -12-0 | -21-1 | 236-7 | 30-7 | 25-1 | 17-7 | 318-7 | 328-2 | 3-0 | 99-4 | 22-3 | 61- |
| 18-0 | 65-1 | 6176-8 | 475-0 | -15-5 | -24-4 | 237-5 | 33-5 | 29-3 | 17-7 | 319-1 | 326-3 | 2-3 | 94-9 | 24-6 | 61- |
| 20-6 | 68-7 | 6582-2 | 450-0 | -18-9 | -27-4 | 239-3 | 40-5 | 34-5 | 21-3 | 319-6 | 323-0 | 1-7 | 88-3 | 28-1 | 61- |
| 24-0 | 72-3 | 7005-6 | 425-0 | -21-1 | -23-5 | 231-7 | 31-3 | 34-6 | 19-4 | 322-1 | 326-5 | 1-3 | 80-7 | 31-3 | 60- |
| 23-5 | 76-3 | 7451-8 | 400-0 | -24-4 | -27-1 | 236-9 | 33-1 | 27-8 | 18-1 | 323-3 | 326-8 | 1-0 | 78-2 | 33-8 | 54- |
| 25-0 | 80-4 | 7319-2 | 375-0 | -27-4 | -29-8 | 250-7 | 39-3 | 37-1 | 13-0 | 325-4 | 328-3 | 0-9 | 79-8 | 37-5 | 61- |
| 26-3 | 84-5 | 8414-4 | 350-0 | -29-6 | -31-9 | 264-7 | 33-5 | 37-4 | 3-1 | 328-9 | 331-5 | 0-7 | 79-5 | 40-2 | 61- |
| 27-8 | 88-9 | 8939-1 | 325-0 | -33-6 | -36-6 | 253-5 | 18-0 | 16-5 | -7-2 | 330-3 | 332-1 | 0-5 | 74-5 | 42-6 | 62- |
| 29-6 | 93-5 | 9405-5 | 300-0 | -38-5 | -42-0 | 278-4 | 20-1 | 19-9 | -2-9 | 331-1 | 332-2 | 0-3 | 69-3 | 43-4 | 62- |
| 1-3 | 98-2 | 10087-6 | 275-0 | -43-2 | -49-9 | 283-6 | 26-9 | 26-2 | -6-3 | 332-7 | 999-9 | 99-9 | 99-9 | 44-8 | 67- |
| 33-3 | 103-0 | 10721-8 | 250-0 | -48-6 | -54-8 | 277-2 | 23-9 | 23-7 | -3-0 | 333-8 | 999-9 | 99-9 | 99-9 | 47-2 | 64- |
| 35-0 | 108-5 | 11405-0 | 225-0 | -54-8 | -61-9 | 275-4 | 26-0 | 25-9 | -2-4 | 334-5 | 999-9 | 99-9 | 99-9 | 50-1 | 76- |
| 37-2 | 114-3 | 12145-8 | 200-0 | -61-9 | -69-9 | 272-2 | 29-2 | 29-2 | -1-1 | 334-8 | 999-9 | 99-9 | 99-9 | 53-5 | 71- |
| 40-1 | 120-5 | 12961-4 | 175-0 | -67-1 | -77-1 | 270-7 | 31-8 | 31-8 | -0-4 | 339-2 | 999-9 | 99-9 | 99-9 | 58-4 | 73- |
| 43-1 | 127-3 | 13889-8 | 150-0 | -64-3 | -84-3 | 275-7 | 42-3 | 42-0 | -4-2 | 356-4 | 999-9 | 99-9 | 99-9 | 64-6 | 75- |
| 47-0 | 134-3 | 15026-4 | 125-0 | -60-0 | -92-9 | 286-0 | 20-3 | 19-0 | -5-4 | 386-3 | 999-9 | 99-9 | 99-9 | 71-7 | 78- |
| 51-9 | 141-0 | 16356-0 | 100-0 | -65-7 | -99-9 | 255-7 | 19-2 | 18-6 | 4-7 | 400-9 | 999-9 | 99-9 | 99-9 | 76-3 | 74- |
| 58-0 | 148-3 | 18135-2 | 75-0 | -69-8 | -99-9 | 277-9 | 2-2 | 2-2 | -0-3 | 426-7 | 999-9 | 99-9 | 99-9 | 82-3 | 78- |
| 69-7 | 155-3 | 23618-9 | 50-0 | -60-5 | -99-9 | 249-1 | 3-9 | 3-6 | 1-4 | 501-0 | 999-9 | 99-9 | 99-9 | 88-1 | 70- |
| 90-9 | 99-3 | 99-9 | 25-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 99-9 | 999-9 | 99-9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 363
AMARILLO, TEX

25 APRIL 1975
515 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT T DG K | E POT T DG K | MA RTO GM/KG | RH PCT | RANGE KM | AZ UG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 13.2 | 1055.0 | 888.0 | 11.1 | 6.6 | 110.0 | 3.6 | -3.4 | 1.2 | 295.0 | 313.6 | 6.9 | 74.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 14.3 | 1220.2 | 875.0 | 17.5 | 9.1 | 108.2 | 7.0 | -6.6 | 2.2 | 303.0 | 326.0 | 8.3 | 58.1 | 0.2 | 27.5 |
| 1.4 | 16.1 | 1468.9 | 850.0 | 18.8 | 0.7 | 156.7 | 5.7 | -2.2 | 5.2 | 306.5 | 320.2 | 4.8 | 29.6 | 0.5 | 24.3 |
| 2.4 | 18.2 | 1724.6 | 825.0 | 16.5 | -5.0 | 191.4 | 7.2 | 1.4 | 7.0 | 308.6 | 318.1 | 3.2 | 19.7 | 0.7 | 32.1 |
| 3.2 | 20.3 | 1947.2 | 800.0 | 16.5 | -6.7 | 214.0 | 7.8 | 4.3 | 6.4 | 309.1 | 317.8 | 2.9 | 15.8 | 1.0 | 34.1 |
| 4.2 | 22.3 | 2256.0 | 775.0 | 14.4 | -6.3 | 227.5 | 10.1 | 7.4 | 6.8 | 309.6 | 317.6 | 2.6 | 19.9 | 1.3 | 34. |
| 5.2 | 24.5 | 2531.5 | 750.0 | 12.0 | -10.2 | 235.3 | 9.6 | 7.9 | 5.5 | 309.9 | 317.1 | 2.3 | 20.1 | 1.9 | 17. |
| 6.2 | 26.5 | 2813.8 | 725.0 | 9.5 | -12.2 | 249.0 | 9.4 | 8.6 | 3.4 | 310.2 | 316.5 | 2.1 | 20.2 | 2.2 | 24. |
| 7.2 | 28.9 | 3103.0 | 700.0 | 6.5 | -14.6 | 263.2 | 8.7 | 8.7 | 1.0 | 309.9 | 315.4 | 1.8 | 20.4 | 2.6 | 35. |
| 8.2 | 31.3 | 3400.2 | 675.0 | 4.5 | -17.2 | 287.4 | 5.4 | 5.1 | -1.6 | 310.9 | 315.5 | 1.5 | 18.8 | 2.9 | 45. |
| 9.4 | 33.7 | 3700.8 | 650.0 | 3.4 | -20.2 | 347.5 | 3.1 | 0.9 | -2.9 | 313.0 | 316.7 | 1.2 | 15.6 | 2.9 | 49. |
| 10.6 | 36.0 | 4023.1 | 625.0 | 0.9 | -24.2 | 337.9 | 3.9 | 1.5 | -3.6 | 313.5 | 316.4 | 0.9 | 13.2 | 2.7 | 53. |
| 11.8 | 38.6 | 4350.0 | 600.0 | -1.2 | -25.7 | 307.6 | 5.2 | 4.2 | -3.2 | 315.9 | 317.4 | 0.8 | 13.4 | 2.8 | 61. |
| 12.9 | 41.0 | 4687.3 | 575.0 | -4.1 | -27.9 | 252.8 | 5.9 | 5.5 | -5.3 | 315.2 | 317.4 | 0.7 | 13.6 | 3.0 | 67. |
| 14.0 | 43.4 | 5036.1 | 550.0 | -6.7 | -29.8 | 284.9 | 7.5 | 7.2 | -1.9 | 316.1 | 318.1 | 0.6 | 13.9 | 3.3 | 71. |
| 15.3 | 46.3 | 5397.9 | 525.0 | -8.8 | -31.4 | 289.8 | 9.4 | 8.8 | -3.2 | 317.8 | 319.6 | 0.5 | 14.0 | 3.9 | 76. |
| 16.5 | 49.2 | 5773.9 | 500.0 | -11.6 | -33.4 | 290.9 | 12.3 | 11.5 | -4.4 | 318.9 | 320.5 | 0.4 | 14.3 | 4.5 | 43. |
| 17.9 | 51.7 | 6104.5 | 475.0 | -14.8 | -35.9 | 295.2 | 13.6 | 12.3 | -5.8 | 319.6 | 320.9 | 0.4 | 14.6 | 5.5 | 45. |
| 19.1 | 54.9 | 6571.2 | 450.0 | -18.1 | -38.4 | 306.9 | 16.1 | 12.8 | -9.7 | 320.4 | 321.5 | 0.3 | 14.8 | 6.6 | 94. |
| 20.8 | 57.9 | 6995.1 | 425.0 | -22.0 | -41.4 | 304.9 | 18.2 | 15.0 | -10.5 | 320.7 | 321.6 | 0.2 | 15.2 | 8.1 | 100. |
| 22.4 | 61.0 | 7434.7 | 400.0 | -25.0 | -43.7 | 250.3 | 17.7 | 16.6 | -6.2 | 322.5 | 323.2 | 0.2 | 15.4 | 9.6 | 134. |
| 24.0 | 64.4 | 7904.7 | 375.0 | -28.8 | -46.8 | 282.7 | 17.9 | 17.5 | -3.9 | 323.4 | 323.9 | 0.1 | 15.8 | 11.3 | 134. |
| 25.6 | 67.7 | 8354.1 | 350.0 | -32.9 | -49.9 | 279.5 | 18.5 | 18.2 | -3.0 | 324.3 | 324.8 | 0.1 | 16.1 | 13.3 | 134. |
| 27.3 | 71.1 | 8910.4 | 325.0 | -37.3 | 99.9 | 275.2 | 22.4 | 22.3 | -2.0 | 325.2 | 325.9 | 99.9 | 99.9 | 15.1 | 102. |
| 29.2 | 75.0 | 9454.6 | 300.0 | -41.3 | 99.9 | 278.5 | 25.6 | 25.5 | -3.8 | 327.2 | 327.9 | 99.9 | 99.9 | 17.8 | 102. |
| 31.4 | 79.2 | 10045.4 | 275.0 | -44.4 | 99.9 | 277.8 | 33.0 | 32.7 | -4.4 | 330.9 | 330.9 | 99.9 | 99.9 | 21.6 | 101. |
| 33.6 | 83.2 | 10677.0 | 250.0 | -47.6 | 99.9 | 278.9 | 33.6 | 33.2 | -5.2 | 332.3 | 332.3 | 99.9 | 99.9 | 26.0 | 101. |
| 35.8 | 87.6 | 11356.4 | 225.0 | -51.1 | 99.9 | 277.3 | 35.5 | 35.2 | -4.5 | 334.1 | 334.1 | 99.9 | 99.9 | 30.9 | 100. |
| 38.1 | 92.9 | 12059.7 | 200.0 | -54.3 | 99.9 | 275.0 | 37.5 | 37.4 | -3.3 | 335.7 | 335.7 | 99.9 | 99.9 | 35.6 | 107. |
| 40.8 | 98.0 | 12917.4 | 175.0 | -57.7 | 99.9 | 278.1 | 40.0 | 39.6 | -5.6 | 341.6 | 341.6 | 99.9 | 99.9 | 42.0 | 94. |
| 44.1 | 103.8 | 13863.1 | 150.0 | -61.8 | 99.9 | 248.3 | 31.3 | 31.3 | 0.9 | 360.2 | 360.2 | 99.9 | 99.9 | 49.3 | 94. |
| 47.7 | 110.3 | 14993.8 | 125.0 | -59.8 | 99.9 | 241.2 | 28.4 | 24.1 | 4.3 | 380.7 | 380.7 | 99.9 | 99.9 | 55.6 | 45. |
| 52.2 | 118.0 | 16340.0 | 100.0 | -63.3 | 99.9 | 262.9 | 19.3 | 19.2 | 2.4 | 405.5 | 405.5 | 99.9 | 99.9 | 61.6 | 94. |
| 58.5 | 124.0 | 19139.2 | 75.0 | -61.0 | 99.9 | 252.0 | 15.5 | 14.7 | 4.8 | 445.0 | 445.0 | 99.9 | 99.9 | 67.3 | 75. |
| 64.5 | 140.0 | 20652.4 | 50.0 | -58.1 | 99.9 | 273.4 | 0.6 | 0.6 | -0.0 | 506.5 | 506.5 | 99.9 | 99.9 | 70.3 | 94. |
| 79.3 | 154.0 | 25091.0 | 25.0 | -52.6 | 99.9 | 322.4 | 6.1 | 3.7 | -4.9 | 633.3 | 633.3 | 99.9 | 99.9 | 71.6 | 95. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 402
WALLOPS ISLAND, VA

25 APRIL 1975
515 GMT

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | PH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.5 | 4.0 | 1010.7 | 18.3 | 15.0 | 999.9 | 99.9 | 99.9 | 99.9 | 292.0 | 313.6 | 10.7 | 81.0 | 999.9 | 99.9 |
| 0.3 | 5.3 | 95.8 | 1000.0 | 16.2 | 15.5 | 999.9 | 99.9 | 99.9 | 99.9 | 293.8 | 313.6 | 11.2 | 76.3 | 999.9 | 99.9 |
| 1.1 | 7.3 | 313.9 | 975.0 | 18.5 | 15.4 | 999.9 | 99.9 | 99.9 | 99.9 | 295.3 | 325.2 | 11.4 | 82.1 | 999.9 | 99.9 |
| 2.0 | 6.3 | 537.3 | 950.0 | 18.5 | 13.7 | 999.9 | 99.9 | 99.9 | 99.9 | 297.4 | 325.2 | 10.5 | 73.5 | 999.9 | 99.9 |
| 2.8 | 1.3 | 765.1 | 925.0 | 17.3 | 12.3 | 999.9 | 99.9 | 99.9 | 99.9 | 298.3 | 324.5 | 9.8 | 72.4 | 999.9 | 99.9 |
| 3.7 | 13.5 | 1000.0 | 900.0 | 16.0 | 11.5 | 999.9 | 99.9 | 99.9 | 99.9 | 299.3 | 324.5 | 9.5 | 74.6 | 999.9 | 99.9 |
| 4.5 | 15.7 | 1239.4 | 875.0 | 14.5 | 11.0 | 999.9 | 99.9 | 99.9 | 99.9 | 300.1 | 325.7 | 9.5 | 79.6 | 999.9 | 99.9 |
| 5.6 | 17.3 | 1448.2 | 850.0 | 12.8 | 10.5 | 999.9 | 99.9 | 99.9 | 99.9 | 300.8 | 326.4 | 9.5 | 86.2 | 999.9 | 99.9 |
| 6.4 | 20.2 | 1735.0 | 825.0 | 11.1 | 9.4 | 999.9 | 99.9 | 99.9 | 99.9 | 301.5 | 326.1 | 9.0 | 85.2 | 999.9 | 99.9 |
| 7.4 | 22.4 | 1991.6 | 800.0 | 9.0 | 7.7 | 999.9 | 99.9 | 99.9 | 99.9 | 301.8 | 324.6 | 8.3 | 92.1 | 999.9 | 99.9 |
| 8.6 | 24.9 | 2254.3 | 775.0 | 7.4 | 6.2 | 999.9 | 99.9 | 99.9 | 99.9 | 302.4 | 324.1 | 7.7 | 92.4 | 999.9 | 99.9 |
| 9.5 | 27.2 | 2524.3 | 750.0 | 6.0 | 4.9 | 999.9 | 99.9 | 99.9 | 99.9 | 304.0 | 324.3 | 7.3 | 92.8 | 999.9 | 99.9 |
| 10.6 | 29.7 | 2801.9 | 725.0 | 4.4 | 3.3 | 999.9 | 99.9 | 99.9 | 99.9 | 305.1 | 324.0 | 6.7 | 92.9 | 999.9 | 99.9 |
| 11.7 | 32.3 | 3047.5 | 700.0 | 2.8 | 1.8 | 999.9 | 99.9 | 99.9 | 99.9 | 306.4 | 324.1 | 6.2 | 92.8 | 999.9 | 99.9 |
| 12.9 | 35.0 | 3341.5 | 675.0 | 1.0 | -0.1 | 999.9 | 99.9 | 99.9 | 99.9 | 307.5 | 323.8 | 5.7 | 92.2 | 999.9 | 99.9 |
| 14.1 | 37.4 | 3694.9 | 650.0 | -0.8 | -1.9 | 999.9 | 99.9 | 99.9 | 99.9 | 308.6 | 323.7 | 5.1 | 92.2 | 999.9 | 99.9 |
| 15.3 | 40.3 | 3997.6 | 625.0 | -2.6 | -5.6 | 999.9 | 99.9 | 99.9 | 99.9 | 309.9 | 321.9 | 4.1 | 80.3 | 999.9 | 99.9 |
| 16.5 | 42.9 | 4320.8 | 600.0 | -3.7 | -8.0 | 999.9 | 99.9 | 99.9 | 99.9 | 312.3 | 322.7 | 3.5 | 71.7 | 999.9 | 99.9 |
| 17.8 | 45.9 | 4656.1 | 575.0 | -6.0 | -9.1 | 999.9 | 99.9 | 99.9 | 99.9 | 313.3 | 323.4 | 3.3 | 78.7 | 999.9 | 99.9 |
| 19.2 | 48.9 | 5003.4 | 550.0 | -10.3 | -10.2 | 999.9 | 99.9 | 99.9 | 99.9 | 314.8 | 324.6 | 3.2 | 84.7 | 999.9 | 99.9 |
| 20.4 | 51.4 | 5363.7 | 525.0 | -10.3 | -13.0 | 999.9 | 99.9 | 99.9 | 99.9 | 316.3 | 324.6 | 2.7 | 80.9 | 999.9 | 99.9 |
| 21.7 | 54.9 | 5738.6 | 500.0 | -12.1 | -17.9 | 999.9 | 99.9 | 99.9 | 99.9 | 318.4 | 324.4 | 1.9 | 72.3 | 999.9 | 99.9 |
| 22.9 | 57.9 | 6129.5 | 475.0 | -14.0 | -29.7 | 999.9 | 99.9 | 99.9 | 99.9 | 320.7 | 323.3 | 0.8 | 78.1 | 999.9 | 99.9 |
| 24.5 | 61.4 | 6538.1 | 450.0 | -17.1 | -36.5 | 999.9 | 99.9 | 99.9 | 99.9 | 321.8 | 323.1 | 0.4 | 17.2 | 999.9 | 99.9 |
| 26.1 | 65.0 | 6961.6 | 425.0 | -20.6 | -43.1 | 999.9 | 99.9 | 99.9 | 99.9 | 322.5 | 322.5 | 0.0 | 1.0 | 999.9 | 99.9 |
| 27.7 | 68.1 | 7409.3 | 400.0 | -23.9 | -45.2 | 999.9 | 99.9 | 99.9 | 99.9 | 323.8 | 323.9 | 0.0 | 1.0 | 999.9 | 99.9 |
| 29.4 | 72.0 | 7875.4 | 375.0 | -28.1 | -49.3 | 999.9 | 99.9 | 99.9 | 99.9 | 324.4 | 324.8 | 0.1 | 10.9 | 999.9 | 99.9 |
| 31.2 | 76.0 | 8367.3 | 350.0 | -32.4 | -46.6 | 999.9 | 99.9 | 99.9 | 99.9 | 325.0 | 324.7 | 0.5 | 66.1 | 999.9 | 99.9 |
| 33.0 | 80.2 | 8885.9 | 325.0 | -36.3 | -43.9 | 999.9 | 99.9 | 99.9 | 99.9 | 326.6 | 324.6 | 0.9 | 99.9 | 999.9 | 99.9 |
| 34.9 | 84.4 | 9435.6 | 300.0 | -41.0 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 327.7 | 324.9 | 0.9 | 99.9 | 999.9 | 99.9 |
| 36.8 | 89.3 | 10020.9 | 275.0 | -46.2 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 328.4 | 324.6 | 0.9 | 99.9 | 999.9 | 99.9 |
| 38.8 | 93.8 | 10646.2 | 250.0 | -52.0 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 328.8 | 324.6 | 0.9 | 99.9 | 999.9 | 99.9 |
| 41.2 | 99.0 | 11322.2 | 225.0 | -56.2 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 329.3 | 324.6 | 0.9 | 99.9 | 999.9 | 99.9 |
| 43.7 | 104.5 | 12060.2 | 200.0 | -62.6 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 330.3 | 324.6 | 0.9 | 99.9 | 999.9 | 99.9 |
| 46.6 | 110.4 | 12871.9 | 175.0 | -67.0 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 331.5 | 324.6 | 0.9 | 99.9 | 999.9 | 99.9 |
| 50.0 | 116.9 | 13906.3 | 150.0 | -62.7 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 332.1 | 324.6 | 0.9 | 99.9 | 999.9 | 99.9 |
| 54.2 | 124.7 | 14937.1 | 125.0 | -61.0 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 334.5 | 324.6 | 0.9 | 99.9 | 999.9 | 99.9 |
| 59.1 | 131.7 | 16326.9 | 100.0 | -60.2 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 411.4 | 324.6 | 0.9 | 99.9 | 999.9 | 99.9 |
| 65.6 | 139.7 | 18103.9 | 75.0 | -64.7 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 437.2 | 324.6 | 0.9 | 99.9 | 999.9 | 99.9 |
| 74.0 | 147.3 | 20594.4 | 50.0 | -61.2 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 499.4 | 324.6 | 0.9 | 99.9 | 999.9 | 99.9 |
| 87.9 | 155.3 | 24977.4 | 25.0 | -55.8 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 624.7 | 324.6 | 0.9 | 99.9 | 999.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 405
STERLING, VA25 APRIL 1975
517 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CLMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.2 | 85.0 | 1000.8 | 16.5 | 14.7 | 280.0 | 2.1 | 2.1 | -0.4 | 291.0 | 318.3 | 10.6 | 89.0 | 0.0 | 0. |
| 0.0 | 6.3 | 91.9 | 1000.0 | 16.6 | 14.8 | 285.6 | 2.5 | 2.4 | -0.7 | 291.1 | 318.6 | 10.7 | 89.3 | 0.0 | 11. |
| 0.8 | 8.7 | 308.3 | 975.0 | 16.2 | 15.2 | 308.8 | 6.3 | 4.9 | -4.0 | 293.0 | 322.1 | 11.2 | 93.4 | 0.3 | 112. |
| 1.7 | 10.3 | 529.3 | 950.0 | 15.0 | 14.1 | 315.7 | 7.6 | 5.3 | -5.4 | 293.8 | 321.7 | 10.7 | 96.1 | 0.2 | 120. |
| 2.6 | 13.4 | 755.4 | 925.0 | 13.8 | 12.2 | 314.0 | 9.3 | 6.7 | -6.5 | 296.2 | 320.2 | 9.7 | 90.2 | 1.1 | 129. |
| 3.5 | 15.9 | 986.6 | 900.0 | 13.1 | 11.5 | 312.9 | 11.5 | 8.4 | -7.8 | 296.2 | 321.5 | 9.5 | 90.1 | 1.7 | 131. |
| 4.4 | 18.3 | 1223.5 | 875.0 | 11.8 | 9.9 | 308.8 | 11.3 | 8.8 | -7.1 | 297.1 | 320.6 | 8.7 | 97.2 | 2.3 | 131. |
| 5.3 | 20.7 | 1466.3 | 850.0 | 11.2 | 8.5 | 301.7 | 12.1 | 10.3 | -6.3 | 298.9 | 321.2 | 8.2 | 83.4 | 2.9 | 130. |
| 6.3 | 23.3 | 1715.4 | 825.0 | 9.3 | 7.5 | 258.9 | 14.1 | 12.3 | -6.9 | 299.4 | 320.9 | 7.9 | 88.4 | 3.7 | 127. |
| 7.2 | 25.9 | 1970.3 | 800.0 | 7.6 | 6.1 | 258.8 | 16.8 | 14.7 | -8.1 | 300.2 | 320.5 | 7.4 | 90.7 | 4.5 | 124. |
| 8.0 | 28.4 | 2231.5 | 775.0 | 6.0 | 4.1 | 295.0 | 16.8 | 15.2 | -7.1 | 301.1 | 319.6 | 6.7 | 88.0 | 5.3 | 124. |
| 9.0 | 31.2 | 2500.2 | 750.0 | 4.9 | 2.3 | 294.5 | 16.5 | 15.0 | -6.8 | 302.6 | 319.6 | 6.0 | 83.4 | 6.2 | 123. |
| 9.8 | 34.0 | 2776.4 | 725.0 | 3.3 | 0.6 | 250.3 | 16.4 | 15.4 | -6.7 | 303.8 | 319.5 | 5.5 | 82.5 | 7.1 | 127. |
| 10.4 | 36.7 | 3060.5 | 700.0 | 1.4 | -2.2 | 285.9 | 15.6 | 15.0 | -4.3 | 304.7 | 319.1 | 4.7 | 77.0 | 8.0 | 120. |
| 11.8 | 39.6 | 3353.4 | 675.0 | 0.6 | -6.7 | 288.4 | 17.0 | 16.1 | -5.4 | 306.7 | 318.8 | 3.4 | 58.1 | 8.5 | 119. |
| 12.8 | 42.3 | 3655.8 | 650.0 | -0.5 | -7.8 | 284.0 | 18.5 | 17.9 | -4.5 | 308.8 | 318.5 | 3.3 | 57.7 | 10.0 | 117. |
| 14.0 | 45.3 | 3968.7 | 625.0 | -2.2 | -12.7 | 274.7 | 19.0 | 18.9 | -1.6 | 310.2 | 317.2 | 2.3 | 44.5 | 11.3 | 115. |
| 15.0 | 48.3 | 4292.6 | 600.0 | -2.8 | -27.9 | 271.1 | 22.0 | 22.0 | -0.4 | 312.9 | 315.0 | 0.6 | 12.5 | 12.5 | 113. |
| 16.1 | 51.3 | 4628.3 | 575.0 | -5.0 | -27.7 | 272.0 | 24.1 | 24.1 | -0.8 | 314.2 | 315.5 | 0.7 | 14.8 | 13.8 | 111. |
| 17.2 | 54.5 | 4976.5 | 550.0 | -6.9 | -33.1 | 269.7 | 25.6 | 25.6 | 0.1 | 315.6 | 317.4 | 0.4 | 10.3 | 15.4 | 107. |
| 18.4 | 57.6 | 5338.1 | 525.0 | -8.6 | -41.5 | 265.1 | 26.4 | 26.4 | 0.4 | 318.1 | 318.8 | 0.2 | 5.0 | 17.2 | 107. |
| 19.7 | 61.0 | 5713.6 | 500.0 | -11.8 | -39.1 | 274.3 | 24.8 | 24.7 | -1.8 | 318.6 | 317.6 | 0.3 | 9.1 | 19.2 | 105. |
| 21.0 | 64.4 | 6104.0 | 475.0 | -15.1 | -38.3 | 274.8 | 23.4 | 23.3 | -2.0 | 319.3 | 320.3 | 0.3 | 11.7 | 20.5 | 104. |
| 22.1 | 67.9 | 6509.8 | 450.0 | -18.6 | -38.2 | 278.2 | 24.6 | 24.4 | -3.5 | 319.9 | 321.3 | 0.4 | 21.6 | 23.0 | 103. |
| 24.1 | 71.3 | 6933.0 | 425.0 | -22.3 | -38.2 | 279.3 | 29.7 | 29.3 | -4.8 | 320.4 | 321.6 | 0.3 | 21.8 | 25.7 | 103. |
| 25.8 | 75.0 | 7375.5 | 400.0 | -25.8 | -40.8 | 276.4 | 28.4 | 28.2 | -3.2 | 321.4 | 322.3 | 0.3 | 22.9 | 28.4 | 102. |
| 27.6 | 78.0 | 7840.1 | 375.0 | -29.4 | -47.3 | 281.3 | 36.3 | 35.6 | -7.1 | 322.6 | 323.1 | 0.1 | 15.6 | 32.1 | 102. |
| 29.5 | 82.8 | 8331.1 | 350.0 | -32.3 | -56.4 | 285.1 | 29.8 | 28.8 | -7.8 | 325.1 | 325.3 | 0.1 | 7.0 | 36.1 | 102. |
| 31.2 | 86.8 | 8850.0 | 325.0 | -35.8 | -59.5 | 274.6 | 32.9 | 32.8 | -8.7 | 327.2 | 327.4 | 0.0 | 7.5 | 39.2 | 104. |
| 33.0 | 91.3 | 9431.0 | 300.0 | -40.7 | 99.9 | 262.2 | 30.9 | 30.6 | 4.2 | 328.0 | 328.0 | 99.9 | 99.9 | 42.5 | 121. |
| 35.3 | 95.7 | 9987.5 | 275.0 | -45.4 | 99.9 | 256.8 | 32.9 | 32.1 | 7.5 | 329.5 | 329.5 | 99.9 | 99.9 | 47.1 | 97. |
| 37.5 | 100.4 | 10615.5 | 250.0 | -51.4 | 99.9 | 257.2 | 36.4 | 35.5 | 8.1 | 329.7 | 329.7 | 99.9 | 99.9 | 51.1 | 97. |
| 40.2 | 105.6 | 11290.6 | 225.0 | -57.0 | 99.9 | 259.7 | 33.0 | 32.4 | 5.9 | 331.2 | 331.2 | 99.9 | 99.9 | 56.7 | 95. |
| 43.2 | 111.0 | 12026.0 | 200.0 | -62.6 | 99.9 | 262.7 | 35.6 | 35.3 | 4.5 | 333.6 | 333.6 | 99.9 | 99.9 | 62.6 | 94. |
| 46.6 | 117.0 | 12842.6 | 175.0 | -64.5 | 99.9 | 267.9 | 23.8 | 23.8 | 0.9 | 343.5 | 343.5 | 99.9 | 99.9 | 67.6 | 93. |
| 49.7 | 123.8 | 13783.1 | 150.0 | -62.7 | 99.9 | 279.3 | 22.5 | 22.2 | -3.7 | 342.2 | 342.2 | 99.9 | 99.9 | 74.0 | 92. |
| 54.6 | 131.0 | 14916.5 | 125.0 | -58.9 | 99.9 | 289.1 | 20.4 | 19.3 | -6.7 | 388.4 | 388.4 | 99.9 | 99.9 | 82.2 | 93. |
| 60.3 | 138.9 | 16321.0 | 100.0 | -58.4 | 99.9 | 276.4 | 7.7 | 7.7 | -0.9 | 414.9 | 414.9 | 99.9 | 99.9 | 88.2 | 94. |
| 67.4 | 147.0 | 18106.7 | 75.0 | -62.6 | 99.9 | 256.7 | 12.1 | 11.8 | 2.8 | 448.6 | 448.6 | 99.9 | 99.9 | 91.9 | 93. |
| 77.3 | 157.0 | 20609.6 | 50.0 | -59.9 | 99.9 | 279.3 | 8.9 | 8.8 | -1.4 | 502.3 | 502.3 | 99.9 | 99.9 | 94.1 | 93. |
| 93.3 | 167.5 | 25011.4 | 25.0 | -53.3 | 99.9 | 103.2 | 6.4 | -6.3 | 1.5 | 631.6 | 631.6 | 99.9 | 99.9 | 91.9 | 93. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 13 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 625
MUNTINGTON, WA25 APRIL 1975
(45 GMT)

| TIME MIN | CATCY | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIN DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.0 | 246.0 | 983.4 | 13.3 | 13.3 | 90.0 | 2.1 | -2.1 | 0.0 | 285.1 | 314.3 | 9.8 | 100.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 7.7 | 318.8 | 975.0 | 14.3 | 14.3 | 99.9 | 99.9 | 99.9 | 99.9 | 251.0 | 319.4 | 10.6 | 100.4 | 99.9 | 99.9 |
| 1.2 | 5.8 | 539.1 | 950.0 | 14.8 | 13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 293.6 | 319.8 | 10.0 | 89.3 | 99.9 | 99.9 |
| 2.1 | 11.8 | 765.7 | 925.0 | 15.0 | 11.8 | 23.7 | 3.5 | -1.4 | -3.2 | 290.0 | 321.1 | 5.5 | 61.0 | 99.9 | 99.9 |
| 3.0 | 13.9 | 997.7 | 900.0 | 14.2 | 8.6 | 281.7 | 5.1 | 5.0 | -1.0 | 297.2 | 318.3 | 7.8 | 68.7 | 99.9 | 99.9 |
| 3.7 | 15.4 | 1235.0 | 875.0 | 12.1 | 6.9 | 285.5 | 3.9 | 3.8 | -1.1 | 297.3 | 316.6 | 7.1 | 70.1 | 99.9 | 99.9 |
| 4.6 | 18.1 | 1477.3 | 850.0 | 10.1 | 8.1 | 269.5 | 6.5 | 6.5 | 0.1 | 297.7 | 319.4 | 8.0 | 87.6 | 99.9 | 99.9 |
| 5.3 | 20.3 | 1725.9 | 825.0 | 9.3 | 4.5 | 262.2 | 9.1 | 9.1 | 1.2 | 298.3 | 317.0 | 6.4 | 71.9 | 99.9 | 99.9 |
| 6.2 | 22.5 | 1980.4 | 800.0 | 7.3 | 3.5 | 270.3 | 12.5 | 12.5 | -0.1 | 299.7 | 316.7 | 6.2 | 76.9 | 99.9 | 99.9 |
| 7.2 | 24.8 | 2241.5 | 775.0 | 7.0 | 1.2 | 270.2 | 13.9 | 13.9 | -0.1 | 302.1 | 317.3 | 5.4 | 66.6 | 99.9 | 99.9 |
| 8.2 | 26.5 | 2511.5 | 750.0 | 7.2 | -7.2 | 270.5 | 15.5 | 15.5 | -0.1 | 304.8 | 313.5 | 3.0 | 34.9 | 99.9 | 99.9 |
| 9.1 | 28.5 | 2784.9 | 725.0 | 6.4 | -14.3 | 270.7 | 16.6 | 16.6 | -2.0 | 306.7 | 312.1 | 1.7 | 21.0 | 99.9 | 99.9 |
| 10.0 | 31.8 | 3076.3 | 700.0 | 4.1 | -15.5 | 261.3 | 16.8 | 16.8 | -2.3 | 307.2 | 312.2 | 1.6 | 22.4 | 99.9 | 99.9 |
| 11.0 | 34.3 | 3370.6 | 675.0 | 1.1 | -15.7 | 240.9 | 16.6 | 16.3 | -3.1 | 307.1 | 311.8 | 1.5 | 24.9 | 99.9 | 99.9 |
| 12.0 | 36.7 | 3673.1 | 650.0 | -0.7 | -18.3 | 282.0 | 16.2 | 15.9 | -1.4 | 308.3 | 312.6 | 1.4 | 24.9 | 99.9 | 99.9 |
| 13.0 | 39.3 | 3984.7 | 625.0 | -3.4 | -20.7 | 283.1 | 17.3 | 16.7 | -4.5 | 308.7 | 312.4 | 1.2 | 24.9 | 99.9 | 99.9 |
| 14.0 | 41.4 | 4308.2 | 600.0 | -5.8 | -15.6 | 280.1 | 18.6 | 17.9 | -5.2 | 309.6 | 313.8 | 1.3 | 32.6 | 99.9 | 99.9 |
| 15.0 | 44.6 | 4634.0 | 575.0 | -8.4 | -21.3 | 281.8 | 19.5 | 19.1 | -4.0 | 310.3 | 314.2 | 1.2 | 34.3 | 99.9 | 99.9 |
| 16.1 | 47.4 | 4961.9 | 550.0 | -10.3 | -22.7 | 273.4 | 20.5 | 23.5 | -1.3 | 312.0 | 315.6 | 1.1 | 35.3 | 99.9 | 99.9 |
| 17.3 | 50.3 | 5334.3 | 525.0 | -12.0 | -33.9 | 273.0 | 21.5 | 21.4 | -1.1 | 314.0 | 315.5 | 0.4 | 14.2 | 99.9 | 99.9 |
| 18.6 | 53.0 | 5711.3 | 500.0 | -13.5 | -42.8 | 275.0 | 25.7 | 25.6 | -2.2 | 316.5 | 317.1 | 0.2 | 6.4 | 99.9 | 99.9 |
| 19.8 | 56.0 | 6100.1 | 475.0 | -14.7 | -43.5 | 274.3 | 31.1 | 31.0 | -2.2 | 319.8 | 320.4 | 0.2 | 6.5 | 99.9 | 99.9 |
| 21.1 | 58.1 | 6507.2 | 450.0 | -17.7 | -44.7 | 272.6 | 31.3 | 31.3 | -1.5 | 321.0 | 321.6 | 0.2 | 7.4 | 99.9 | 99.9 |
| 22.3 | 62.3 | 6926.1 | 425.0 | -20.7 | -38.9 | 273.4 | 30.8 | 30.7 | -1.8 | 322.5 | 323.6 | 0.3 | 17.6 | 99.9 | 99.9 |
| 23.6 | 65.5 | 7378.0 | 400.0 | -24.1 | -40.2 | 272.4 | 31.0 | 31.0 | -1.4 | 323.6 | 324.6 | 0.3 | 21.0 | 99.9 | 99.9 |
| 25.1 | 69.0 | 7844.7 | 375.0 | -28.1 | -48.2 | 267.7 | 31.1 | 31.0 | 1.2 | 324.3 | 324.8 | 0.1 | 12.5 | 99.9 | 99.9 |
| 26.7 | 72.4 | 8317.2 | 350.0 | -31.6 | -47.5 | 268.8 | 33.6 | 33.6 | 0.7 | 326.1 | 326.6 | 0.1 | 18.4 | 99.9 | 99.9 |
| 28.3 | 76.3 | 8856.2 | 325.0 | -36.4 | -46.0 | 268.0 | 40.1 | 40.0 | 0.9 | 326.4 | 327.1 | 0.2 | 36.5 | 99.9 | 99.9 |
| 29.2 | 80.3 | 9426.1 | 300.0 | -41.0 | -50.9 | 268.0 | 40.1 | 40.0 | 1.4 | 327.6 | 327.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 31.7 | 84.4 | 9991.7 | 275.0 | -45.7 | 99.9 | 268.4 | 42.7 | 42.7 | 0.4 | 329.0 | 329.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| 33.6 | 89.8 | 10615.2 | 250.0 | -51.4 | 99.9 | 268.5 | 41.8 | 41.8 | 1.1 | 329.6 | 329.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 35.4 | 95.6 | 11236.5 | 225.0 | -56.3 | 99.9 | 272.8 | 47.9 | 47.8 | -2.3 | 332.3 | 332.3 | 99.9 | 99.9 | 99.9 | 99.9 |
| 37.4 | 98.6 | 12037.6 | 200.0 | -62.2 | 99.9 | 281.4 | 43.2 | 41.4 | -12.3 | 334.2 | 334.2 | 99.9 | 99.9 | 99.9 | 99.9 |
| 39.0 | 104.0 | 12854.7 | 175.0 | -64.3 | 99.9 | 295.0 | 34.3 | 31.1 | -14.5 | 333.8 | 333.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 41.9 | 110.2 | 13791.5 | 150.0 | -63.1 | 99.9 | 278.0 | 27.3 | 27.1 | -3.8 | 331.4 | 331.4 | 99.9 | 99.9 | 99.9 | 99.9 |
| 45.1 | 116.9 | 14921.1 | 125.0 | -61.7 | 99.9 | 270.1 | 23.0 | 23.0 | -0.1 | 383.4 | 383.4 | 99.9 | 99.9 | 99.9 | 99.9 |
| 48.6 | 124.7 | 16300.8 | 100.0 | -62.3 | 99.9 | 270.3 | 15.4 | 15.4 | -0.1 | 407.4 | 407.4 | 99.9 | 99.9 | 99.9 | 99.9 |
| 55.0 | 132.3 | 18078.1 | 75.0 | -62.0 | 99.9 | 248.2 | 4.9 | 4.4 | 2.1 | 433.0 | 433.0 | 99.9 | 99.9 | 99.9 | 99.9 |
| 63.3 | 142.0 | 20570.5 | 50.0 | -51.9 | 99.9 | 308.5 | 1.8 | 1.5 | -1.1 | 497.8 | 497.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 78.0 | 151.0 | 24970.9 | 25.0 | -52.4 | 99.9 | 316.6 | 1.6 | -0.9 | -1.4 | 634.1 | 634.1 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 429
DAYTON, OHIO

25 APRIL 1975
515 GMT

| TIME MIN | CN | WEIGHT GPM | PRES MB | TEMP JG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T UG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.3 | 258.0 | 979.8 | 13.7 | 13.4 | 85.0 | 3.6 | -3.6 | -0.3 | 289.8 | 315.4 | 9.9 | 98.0 | 0.0 | 0 |
| 99.9 | 6.9 | 59.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.2 | 7.9 | 339.5 | 975.0 | 13.4 | 12.6 | 34.4 | 2.7 | -1.5 | -2.2 | 289.9 | 314.4 | 9.5 | 95.1 | 0.1 | 231 |
| 1.1 | 10.1 | 558.6 | 950.0 | 13.5 | 12.7 | 38.0 | 1.7 | -1.0 | -1.3 | 292.2 | 317.6 | 9.8 | 94.6 | 0.2 | 256 |
| 1.9 | 12.1 | 783.4 | 925.0 | 12.2 | 11.3 | 356.1 | 0.7 | 0.1 | -0.7 | 293.0 | 317.0 | 9.2 | 94.5 | 0.3 | 251 |
| 2.7 | 14.4 | 1013.4 | 900.0 | 11.3 | 10.3 | 273.8 | 3.6 | 3.6 | -0.2 | 294.3 | 317.6 | 8.8 | 93.7 | 0.2 | 237 |
| 3.7 | 16.4 | 1248.7 | 875.0 | 10.0 | 8.3 | 259.4 | 6.2 | 6.2 | 0.1 | 295.2 | 316.3 | 7.9 | 89.1 | 0.2 | 183 |
| 4.7 | 18.7 | 1435.8 | 850.0 | 8.9 | 7.7 | 255.8 | 7.7 | 7.5 | 1.9 | 296.5 | 317.4 | 7.8 | 91.9 | 0.5 | 95 |
| 5.6 | 20.3 | 1737.1 | 825.0 | 7.9 | 5.4 | 258.1 | 9.0 | 7.8 | 1.7 | 297.8 | 316.5 | 6.9 | 84.6 | 1.0 | 94 |
| 6.6 | 23.3 | 1970.9 | 800.0 | 7.2 | 1.5 | 264.7 | 9.0 | 5.9 | 0.4 | 299.6 | 314.5 | 5.4 | 67.1 | 1.5 | 92 |
| 7.5 | 25.5 | 2252.2 | 775.0 | 6.4 | -0.2 | 268.5 | 8.9 | 8.9 | 0.2 | 301.3 | 315.0 | 4.9 | 62.4 | 2.0 | 91 |
| 8.5 | 28.3 | 2520.4 | 750.0 | 5.2 | -2.2 | 268.5 | 8.9 | 8.9 | -0.3 | 302.8 | 315.2 | 4.3 | 58.7 | 2.5 | 87 |
| 9.6 | 30.6 | 2796.8 | 725.0 | 3.6 | -6.8 | 276.5 | 9.5 | 8.3 | -1.4 | 303.8 | 311.2 | 2.5 | 36.6 | 3.1 | 84 |
| 10.7 | 33.1 | 3082.6 | 700.0 | 2.3 | -25.1 | 282.8 | 8.4 | 8.2 | -1.9 | 305.1 | 307.4 | 0.7 | 11.0 | 3.5 | 71 |
| 12.0 | 35.3 | 3373.3 | 675.0 | 0.2 | -22.6 | 282.3 | 10.2 | 10.0 | -2.2 | 306.0 | 308.9 | 0.9 | 16.1 | 4.3 | 54 |
| 13.2 | 38.1 | 3674.1 | 650.0 | -2.6 | -17.2 | 284.1 | 11.9 | 11.6 | -2.9 | 306.3 | 310.9 | 1.5 | 31.2 | 5.1 | 44 |
| 14.5 | 40.7 | 3983.9 | 625.0 | -4.9 | -20.7 | 289.3 | 12.9 | 12.2 | -4.3 | 307.0 | 313.6 | 1.2 | 27.6 | 6.3 | 36 |
| 15.9 | 42.4 | 4303.6 | 600.0 | -6.9 | -20.0 | 290.9 | 12.9 | 12.1 | -4.6 | 308.2 | 312.4 | 1.3 | 35.6 | 7.1 | 32 |
| 17.1 | 46.3 | 4634.2 | 575.0 | -9.5 | -17.0 | 285.1 | 14.2 | 13.7 | -3.7 | 309.1 | 314.5 | 1.7 | 54.3 | 8.1 | 120 |
| 18.7 | 48.3 | 4976.2 | 550.0 | -11.8 | -22.3 | 281.6 | 16.9 | 16.6 | -3.4 | 310.2 | 313.9 | 1.2 | 41.3 | 9.6 | 137 |
| 20.4 | 52.9 | 5330.2 | 525.0 | -15.0 | -25.0 | 278.4 | 19.7 | 19.5 | -2.9 | 310.5 | 313.6 | 1.0 | 42.1 | 11.4 | 103 |
| 22.2 | 55.3 | 5698.2 | 500.0 | -16.0 | -24.5 | 270.6 | 23.0 | 23.0 | -0.3 | 313.7 | 317.1 | 1.0 | 47.6 | 13.0 | 74 |
| 24.1 | 58.3 | 6082.7 | 475.0 | -18.8 | -27.7 | 267.8 | 27.6 | 27.5 | 1.0 | 314.7 | 317.4 | 0.8 | 45.4 | 16.4 | 47 |
| 26.0 | 61.3 | 6482.7 | 450.0 | -22.4 | -29.6 | 265.6 | 27.1 | 27.1 | 0.2 | 315.2 | 317.8 | 0.8 | 50.5 | 20.6 | 40 |
| 28.2 | 64.6 | 6900.4 | 425.0 | -24.9 | -31.1 | 272.2 | 20.3 | 20.3 | -0.8 | 317.1 | 319.3 | 0.7 | 58.3 | 24.2 | 35 |
| 32.4 | 67.9 | 7335.8 | 400.0 | -26.6 | -34.3 | 276.0 | 23.2 | 23.1 | -2.4 | 320.4 | 321.9 | 0.4 | 39.0 | 28.5 | 31 |
| 36.1 | 71.3 | 7803.6 | 375.0 | -29.7 | -43.8 | 999.9 | 99.9 | 96.9 | 96.9 | 322.2 | 323.0 | 0.2 | 28.0 | 999.9 | 999.9 |
| 99.9 | 64.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 433
SALEM, ILL25 APRIL 1975
600 GMT

| TIME MIN | CATCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT CG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT Y DG K | MK RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.7 | 175.0 | 987.0 | 15.6 | 13.8 | 110.0 | 4.6 | -4.3 | 1.6 | 291.2 | 317.3 | 10.1 | 89.0 | 0.0 | 0 |
| 00.9 | 90.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 6.7 | 275.3 | 975.0 | 15.7 | 13.4 | 88.8 | 10.6 | -10.6 | -1.0 | 292.2 | 319.2 | 10.0 | 86.4 | 0.3 | 29.1 |
| 1.2 | 8.8 | 500.0 | 950.0 | 17.7 | 8.8 | 83.6 | 8.0 | -7.9 | -0.9 | 298.1 | 316.3 | 7.5 | 56.0 | 0.7 | 27.1 |
| 1.9 | 10.8 | 729.1 | 925.0 | 17.5 | 7.8 | 68.6 | 3.4 | -3.2 | -1.2 | 298.2 | 317.8 | 7.2 | 52.8 | 1.0 | 27.0 |
| 2.6 | 13.0 | 963.3 | 900.0 | 17.2 | 6.7 | 288.3 | 3.9 | 3.8 | -1.0 | 300.2 | 317.1 | 6.9 | 50.0 | 0.1 | 26.7 |
| 3.5 | 15.2 | 1201.6 | 875.0 | 16.6 | 6.4 | 261.5 | 11.1 | 11.0 | 1.6 | 302.0 | 321.2 | 6.9 | 50.0 | 0.1 | 26.7 |
| 4.2 | 17.4 | 1450.0 | 850.0 | 15.3 | 4.6 | 99.9 | 99.9 | 99.9 | 99.9 | 303.0 | 320.6 | 6.3 | 48.6 | 0.5 | 26.1 |
| 5.0 | 19.7 | 1701.8 | 825.0 | 13.1 | 9.9 | 99.9 | 99.9 | 99.9 | 99.9 | 303.5 | 320.6 | 6.3 | 48.6 | 0.5 | 26.1 |
| 5.7 | 21.3 | 1959.0 | 800.0 | 11.1 | 9.9 | 99.9 | 99.9 | 99.9 | 99.9 | 303.7 | 320.6 | 6.3 | 48.6 | 0.5 | 26.1 |
| 6.6 | 24.3 | 2227.7 | 775.0 | 8.9 | 3.8 | 280.4 | 15.8 | 15.5 | -2.8 | 303.2 | 322.5 | 6.5 | 47.3 | 2.3 | 26.1 |
| 7.3 | 26.5 | 2474.6 | 750.0 | 6.6 | 2.5 | 254.5 | 17.4 | 15.6 | -7.8 | 304.5 | 321.8 | 6.1 | 45.4 | 3.1 | 26.1 |
| 8.2 | 28.7 | 2772.1 | 725.0 | 4.5 | 0.1 | 291.7 | 14.9 | 13.9 | -5.5 | 305.1 | 320.2 | 5.3 | 43.1 | 3.1 | 26.1 |
| 9.0 | 31.6 | 3057.2 | 700.0 | 1.8 | -3.0 | 298.9 | 14.6 | 13.8 | -4.7 | 305.0 | 317.6 | 4.4 | 40.7 | 4.5 | 26.1 |
| 10.0 | 34.2 | 3340.4 | 675.0 | -0.7 | -3.5 | 240.5 | 15.2 | 15.0 | -2.8 | 305.4 | 314.0 | 4.4 | 41.5 | 5.3 | 26.1 |
| 10.6 | 36.7 | 3649.6 | 650.0 | -3.5 | -3.5 | 278.3 | 15.6 | 15.6 | -2.3 | 305.5 | 314.6 | 4.5 | 40.4 | 6.1 | 26.1 |
| 11.4 | 38.4 | 3967.1 | 625.0 | -3.3 | -3.1 | 283.9 | 16.8 | 16.3 | -4.0 | 305.3 | 322.5 | 4.5 | 43.0 | 7.1 | 26.1 |
| 13.1 | 42.1 | 4283.7 | 600.0 | -3.9 | -3.3 | 288.2 | 19.6 | 17.7 | -5.8 | 312.2 | 325.0 | 4.0 | 40.2 | 8.3 | 26.1 |
| 14.5 | 45.3 | 4619.0 | 575.0 | -5.5 | -6.9 | 289.8 | 22.2 | 21.1 | -7.2 | 314.1 | 326.0 | 4.0 | 40.2 | 10.0 | 26.1 |
| 15.7 | 48.3 | 4967.4 | 550.0 | -9.4 | -9.8 | 279.4 | 19.5 | 18.2 | -3.0 | 314.5 | 324.6 | 3.3 | 40.1 | 11.4 | 26.1 |
| 16.0 | 50.9 | 5325.1 | 525.0 | -11.4 | -12.6 | 255.9 | 17.3 | 16.7 | 4.2 | 315.0 | 323.5 | 2.8 | 41.2 | 12.7 | 26.1 |
| 18.0 | 54.3 | 5658.3 | 500.0 | -13.2 | -14.1 | 240.3 | 20.9 | 18.2 | 10.4 | 317.3 | 325.3 | 2.6 | 42.6 | 13.4 | 26.1 |
| 19.7 | 57.0 | 6097.5 | 475.0 | -15.5 | -16.0 | 240.1 | 23.5 | 20.3 | 11.7 | 319.0 | 325.9 | 2.2 | 41.3 | 15.2 | 26.1 |
| 20.7 | 60.5 | 6494.4 | 450.0 | -18.0 | -19.5 | 230.4 | 24.4 | 20.3 | 13.5 | 320.8 | 326.6 | 1.8 | 47.7 | 17.0 | 26.1 |
| 22.1 | 64.7 | 6819.8 | 425.0 | -20.2 | -21.9 | 227.6 | 24.3 | 18.3 | 16.1 | 323.3 | 324.4 | 1.6 | 46.0 | 18.7 | 26.1 |
| 23.5 | 67.5 | 7260.4 | 400.0 | -23.6 | -25.8 | 223.9 | 26.0 | 18.0 | 18.7 | 325.3 | 324.3 | 1.2 | 42.5 | 20.4 | 26.1 |
| 25.1 | 71.2 | 7735.4 | 375.0 | -27.2 | -30.3 | 216.3 | 28.3 | 16.7 | 22.8 | 325.6 | 324.4 | 0.8 | 42.5 | 22.4 | 26.1 |
| 26.3 | 75.2 | 8324.7 | 350.0 | -31.1 | -34.5 | 221.7 | 31.1 | 20.7 | 23.2 | 326.7 | 324.8 | 0.6 | 42.2 | 24.9 | 26.1 |
| 28.3 | 78.4 | 8850.1 | 325.0 | -34.5 | -38.3 | 224.4 | 33.4 | 23.4 | 23.9 | 328.7 | 320.2 | 0.4 | 46.2 | 27.2 | 26.1 |
| 29.7 | 82.4 | 9404.1 | 300.0 | -39.1 | -42.9 | 221.2 | 35.7 | 23.6 | 26.9 | 330.2 | 331.3 | 0.3 | 46.4 | 30.7 | 26.1 |
| 31.1 | 86.2 | 9903.7 | 275.0 | -44.4 | -48.9 | 215.7 | 37.7 | 22.6 | 31.4 | 330.9 | 329.9 | 99.9 | 99.9 | 33.7 | 26.1 |
| 32.9 | 91.2 | 10625.2 | 250.0 | -49.9 | -54.9 | 216.8 | 43.2 | 25.9 | 34.6 | 331.9 | 329.9 | 99.9 | 99.9 | 36.4 | 26.1 |
| 34.7 | 96.4 | 11305.0 | 225.0 | -55.7 | -60.9 | 216.7 | 45.6 | 27.3 | 36.6 | 333.1 | 329.9 | 99.9 | 99.9 | 40.7 | 26.1 |
| 36.6 | 100.3 | 12044.0 | 200.0 | -62.5 | -66.9 | 214.4 | 46.6 | 28.3 | 38.4 | 333.8 | 329.9 | 99.9 | 99.9 | 45.7 | 26.1 |
| 38.5 | 110.3 | 12856.6 | 175.0 | -67.7 | -73.9 | 232.9 | 42.5 | 31.3 | 25.7 | 338.2 | 329.9 | 99.9 | 99.9 | 50.7 | 26.1 |
| 40.9 | 117.3 | 13600.6 | 150.0 | -62.3 | -69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 362.8 | 329.9 | 99.9 | 99.9 | 55.9 | 26.1 |
| 49.0 | 55.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 451
DODGE CITY, KAN25 APRIL 1975
530 GMT

| TIME MIN | CATLT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 13.7 | 791.0 | 921.6 | 14.4 | 11.4 | 140.0 | 3.1 | -2.0 | 2.4 | 295.6 | 320.0 | 9.2 | 82.0 | 0.0 | 0. |
| 0.9 | 99.9 | 95.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.9 | 99.9 | 95.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.7 | 13.8 | 993.7 | 900.0 | 16.6 | 9.5 | 999.9 | 99.9 | 99.9 | 99.9 | 299.7 | 322.3 | 8.3 | 62.8 | 99.9 | 99.9 |
| 1.0 | 16.3 | 1233.3 | 875.0 | 15.2 | 6.7 | 999.9 | 99.9 | 99.9 | 99.9 | 300.5 | 314.9 | 7.1 | 56.9 | 99.9 | 99.9 |
| 2.3 | 20.7 | 1476.2 | 850.0 | 13.1 | 5.7 | 999.9 | 99.9 | 99.9 | 99.9 | 300.7 | 319.5 | 6.8 | 60.9 | 99.9 | 99.9 |
| 3.1 | 23.3 | 1129.4 | 825.0 | 10.8 | 3.4 | 999.9 | 99.9 | 99.9 | 99.9 | 300.8 | 317.3 | 6.0 | 60.4 | 99.9 | 99.9 |
| 3.3 | 25.3 | 1924.7 | 800.0 | 9.2 | 1.0 | 999.9 | 99.9 | 99.9 | 99.9 | 301.6 | 316.1 | 5.2 | 56.4 | 99.9 | 99.9 |
| 4.8 | 28.5 | 2247.5 | 775.0 | 7.6 | -7.3 | 999.9 | 99.9 | 99.9 | 99.9 | 302.4 | 310.8 | 2.9 | 33.9 | 99.9 | 99.9 |
| 5.8 | 31.2 | 2516.7 | 750.0 | 6.9 | -13.2 | 999.9 | 99.9 | 99.9 | 99.9 | 304.3 | 310.0 | 1.9 | 22.7 | 99.9 | 99.9 |
| 6.4 | 34.0 | 2755.2 | 725.0 | 7.2 | -21.0 | 999.9 | 99.9 | 99.9 | 99.9 | 307.4 | 310.6 | 1.0 | 11.3 | 99.9 | 99.9 |
| 7.5 | 36.6 | 3087.0 | 700.0 | 5.9 | -25.7 | 999.9 | 99.9 | 99.9 | 99.9 | 309.1 | 311.3 | 0.7 | 8.1 | 99.9 | 99.9 |
| 8.5 | 39.6 | 3378.8 | 675.0 | 3.6 | -27.1 | 999.9 | 99.9 | 99.9 | 99.9 | 309.8 | 311.8 | 0.6 | 8.3 | 99.9 | 99.9 |
| 9.4 | 42.3 | 3683.6 | 650.0 | 1.2 | -28.7 | 999.9 | 99.9 | 99.9 | 99.9 | 310.4 | 312.2 | 0.5 | 8.5 | 99.9 | 99.9 |
| 10.5 | 45.3 | 3967.3 | 625.0 | -1.5 | -30.4 | 999.9 | 99.9 | 99.9 | 99.9 | 310.8 | 312.4 | 0.5 | 8.7 | 99.9 | 99.9 |
| 11.5 | 48.4 | 4204.4 | 600.0 | -4.6 | -32.5 | 301.3 | 10.2 | 8.7 | -5.3 | 310.8 | 312.2 | 0.4 | 9.1 | 9.4 | 127. |
| 12.5 | 51.3 | 4453.4 | 575.0 | -7.3 | -34.3 | 301.3 | 9.9 | 8.2 | -5.5 | 311.4 | 312.7 | 0.4 | 9.4 | 9.4 | 127. |
| 13.6 | 54.6 | 4697.6 | 550.0 | -10.3 | -36.4 | 307.6 | 12.6 | 10.0 | -7.7 | 311.6 | 312.6 | 0.3 | 9.7 | 5.2 | 127. |
| 14.7 | 57.6 | 4937.9 | 525.0 | -13.0 | -38.1 | 303.2 | 13.5 | 13.0 | -8.5 | 312.8 | 313.7 | 0.3 | 10.0 | 6.1 | 127. |
| 15.9 | 60.4 | 5124.6 | 500.0 | -14.7 | -40.3 | 295.7 | 16.3 | 14.2 | -8.1 | 315.9 | 315.9 | 0.2 | 10.1 | 7.3 | 126. |
| 17.3 | 63.4 | 5311.4 | 475.0 | -16.9 | -42.0 | 302.0 | 17.4 | 14.8 | -9.2 | 317.0 | 317.8 | 0.2 | 10.3 | 8.7 | 125. |
| 18.6 | 65.9 | 5514.0 | 450.0 | -20.7 | -43.6 | 299.3 | 18.3 | 16.0 | -8.9 | 317.2 | 317.8 | 0.2 | 10.7 | 10.1 | 124. |
| 20.1 | 71.2 | 6033.0 | 425.0 | -23.9 | -45.9 | 308.5 | 18.3 | 15.8 | -9.3 | 318.3 | 318.8 | 0.1 | 11.0 | 11.7 | 124. |
| 21.6 | 75.3 | 7372.9 | 400.0 | -26.0 | -48.8 | 266.6 | 18.6 | 15.5 | -9.0 | 318.6 | 319.0 | 0.1 | 11.5 | 13.1 | 123. |
| 23.2 | 79.3 | 7912.7 | 375.0 | -28.1 | -51.8 | 292.2 | 20.9 | 14.7 | -9.2 | 319.1 | 319.4 | 0.1 | 11.9 | 15.1 | 122. |
| 24.9 | 82.4 | 8370.4 | 350.0 | -30.2 | -54.2 | 288.1 | 25.0 | 22.5 | -11.0 | 321.2 | 321.5 | 0.1 | 12.2 | 17.5 | 122. |
| 26.6 | 86.8 | 8871.1 | 325.0 | -32.6 | -57.4 | 294.7 | 25.2 | 22.9 | -10.5 | 322.2 | 322.4 | 0.0 | 12.6 | 20.2 | 121. |
| 28.4 | 91.2 | 9371.1 | 300.0 | -35.1 | -60.1 | 293.1 | 26.1 | 24.0 | -10.2 | 323.9 | 323.9 | 99.9 | 99.9 | 22.4 | 120. |
| 30.7 | 95.9 | 9871.1 | 275.0 | -37.6 | -62.6 | 288.0 | 24.9 | 24.0 | -7.0 | 324.7 | 324.7 | 99.9 | 99.9 | 26.4 | 114. |
| 32.8 | 100.9 | 10371.1 | 250.0 | -40.1 | -65.1 | 288.1 | 30.3 | 36.4 | -11.9 | 326.4 | 326.4 | 99.9 | 99.9 | 30.7 | 117. |
| 35.4 | 105.9 | 11247.1 | 225.0 | -42.6 | -67.6 | 258.6 | 37.4 | 33.4 | -16.7 | 331.6 | 331.6 | 99.9 | 99.9 | 37.1 | 114. |
| 37.9 | 111.3 | 11572.1 | 200.0 | -45.1 | -70.1 | 274.2 | 37.5 | 32.2 | -7.7 | 337.7 | 337.7 | 99.9 | 99.9 | 41.7 | 114. |
| 40.9 | 117.3 | 12008.4 | 175.0 | -47.6 | -72.6 | 274.0 | 32.7 | 32.5 | -3.4 | 345.1 | 345.1 | 99.9 | 99.9 | 46.9 | 114. |
| 44.1 | 123.3 | 13772.0 | 150.0 | -50.1 | -75.1 | 274.7 | 28.0 | 27.9 | -2.3 | 367.4 | 367.4 | 99.9 | 99.9 | 52.0 | 112. |
| 48.1 | 131.3 | 14704.0 | 125.0 | -52.6 | -77.6 | 252.3 | 27.1 | 26.9 | 3.4 | 383.4 | 383.4 | 99.9 | 99.9 | 57.4 | 104. |
| 53.4 | 139.3 | 16289.0 | 100.0 | -55.1 | -80.1 | 255.6 | 21.3 | 20.7 | 4.9 | 406.3 | 406.3 | 99.9 | 99.9 | 64.4 | 104. |
| 59.7 | 147.7 | 17071.9 | 75.0 | -57.6 | -82.6 | 230.7 | 7.4 | 5.7 | 4.7 | 451.2 | 451.2 | 99.9 | 99.9 | 70.5 | 104. |
| 67.8 | 157.0 | 20582.7 | 50.0 | -61.2 | -86.2 | 99.9 | 30.1 | 1.6 | -0.9 | 499.2 | 499.2 | 99.9 | 99.9 | 72.4 | 104. |
| 80.9 | 167.5 | 25026.8 | 25.0 | -65.8 | -90.9 | 99.9 | 3.8 | -1.3 | -3.6 | 625.0 | 625.0 | 99.9 | 99.9 | 73.3 | 104. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY.

STATION NO. 456
TOPERA. RAN
25 APRIL 1975
520 GMT

| TIME MIN | CNTCT | WEIGHT GEN | PRES MB | TEMP EG C | DEW PT EG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y LCR | E POT Y DCR | MR RTD CM/KG | BN PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|--------------|----------------|-----------------|-----------|-------------|----------|
| 0.7 | 6.2 | 268.0 | 975.0 | 16.1 | 15.6 | 320.0 | 2.6 | 1.7 | -2.0 | 292.5 | 322.3 | 11.5 | 97.0 | 0.3 | 0 |
| 99.9 | 99.3 | 574.0 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 6.5 | 303.2 | 975.0 | 16.9 | 15.8 | 99.9 | 99.9 | 99.9 | 99.9 | 293.7 | 14.1 | 11.7 | 93.4 | 99.9 | 99.9 |
| 0.9 | 6.6 | 425.8 | 950.0 | 17.3 | 14.8 | 99.9 | 99.9 | 99.9 | 99.9 | 296.2 | 2.1 | 11.2 | 85.4 | 99.9 | 99.9 |
| 1.4 | 10.6 | 751.0 | 925.0 | 16.1 | 13.3 | 99.9 | 99.9 | 99.9 | 99.9 | 297.2 | 2.1 | 10.4 | 83.0 | 99.9 | 99.9 |
| 2.7 | 12.6 | 990.7 | 900.0 | 16.3 | 12.4 | 64.4 | 4.4 | -7.5 | -3.6 | 297.6 | 34.1 | 10.1 | 88.2 | 0.3 | 21.0 |
| 3.7 | 14.8 | 1224.5 | 875.0 | 12.6 | 10.2 | 57.9 | 5.8 | -4.9 | -3.1 | 299.3 | 3.2 | 9.0 | 83.7 | 0.7 | 24.0 |
| 4.6 | 16.9 | 1468.1 | 850.0 | 11.6 | 8.4 | 13.8 | 5.4 | -1.3 | -5.2 | 299.4 | 1.6 | 8.2 | 80.8 | 1.0 | 23.0 |
| 5.5 | 19.1 | 1717.4 | 825.0 | 10.2 | 5.2 | 351.5 | 7.4 | 1.1 | -7.4 | 300.2 | 15.9 | 6.8 | 71.5 | 1.2 | 22.0 |
| 6.5 | 21.2 | 1971.3 | 800.0 | 10.3 | -1.1 | 338.2 | 11.5 | 4.2 | -10.0 | 302.7 | 315.3 | 4.4 | 45.0 | 1.5 | 21.0 |
| 7.5 | 23.5 | 2237.2 | 775.0 | 8.4 | -1.7 | 328.7 | 13.5 | 7.0 | -1.5 | 323.4 | 315.9 | 4.4 | 45.0 | 1.5 | 21.0 |
| 8.5 | 25.8 | 2537.7 | 750.0 | 7.6 | -1.4 | 313.8 | 14.8 | 10.7 | -1.5 | 323.4 | 315.9 | 4.4 | 45.0 | 1.5 | 21.0 |
| 9.7 | 28.2 | 2796.4 | 725.0 | 5.5 | -4.1 | 303.8 | 15.1 | 12.4 | -8.6 | 326.0 | 317.3 | 3.9 | 49.0 | 3.6 | 16.0 |
| 10.7 | 30.7 | 3072.1 | 700.0 | 2.8 | -5.9 | 301.0 | 14.9 | 12.7 | -7.7 | 326.0 | 316.3 | 3.5 | 52.8 | 4.4 | 15.0 |
| 11.4 | 33.3 | 3365.2 | 675.0 | 0.3 | -9.7 | 295.7 | 13.7 | 12.4 | -5.9 | 326.3 | 314.4 | 2.7 | 46.9 | 5.2 | 14.0 |
| 13.0 | 35.9 | 3666.9 | 650.0 | -1.5 | -14.0 | 286.3 | 12.3 | 11.8 | -3.5 | 327.5 | 313.6 | 2.0 | 38.0 | 6.2 | 13.0 |
| 14.1 | 38.4 | 3978.5 | 625.0 | -2.6 | -21.3 | 291.7 | 10.9 | 10.1 | -4.0 | 329.5 | 313.2 | 1.1 | 21.4 | 6.2 | 13.0 |
| 15.3 | 41.0 | 4300.9 | 600.0 | -4.0 | -23.1 | 300.2 | 11.4 | 9.9 | -5.7 | 330.7 | 313.9 | 1.0 | 22.1 | 6.2 | 13.0 |
| 16.5 | 43.9 | 4638.3 | 575.0 | -7.2 | -25.1 | 308.1 | 12.2 | 9.6 | -7.4 | 331.6 | 314.4 | 0.9 | 22.2 | 6.2 | 13.0 |
| 17.8 | 46.8 | 4978.7 | 550.0 | -10.4 | -27.0 | 310.7 | 13.5 | 10.4 | -8.7 | 331.6 | 314.4 | 0.8 | 24.1 | 6.2 | 13.0 |
| 19.0 | 49.7 | 5234.6 | 525.0 | -13.6 | -28.2 | 312.1 | 13.4 | 10.5 | -8.3 | 332.1 | 314.1 | 0.6 | 23.3 | 6.2 | 13.0 |
| 20.3 | 52.6 | 5703.3 | 500.0 | -16.7 | -30.5 | 304.9 | 13.5 | 11.1 | -7.7 | 332.6 | 314.0 | 0.4 | 19.7 | 6.2 | 13.0 |
| 21.4 | 55.6 | 6088.3 | 475.0 | -20.1 | -32.2 | 296.2 | 13.0 | 11.6 | -5.7 | 333.1 | 314.2 | 0.3 | 20.9 | 6.2 | 13.0 |
| 23.3 | 58.9 | 6484.1 | 450.0 | -23.7 | -34.1 | 286.1 | 14.9 | 14.3 | -4.1 | 333.5 | 314.6 | 0.3 | 24.8 | 6.2 | 13.0 |
| 24.7 | 62.3 | 6836.8 | 425.0 | -27.3 | -37.4 | 279.9 | 17.2 | 16.9 | -2.9 | 334.0 | 314.9 | 0.3 | 27.2 | 6.2 | 13.0 |
| 26.0 | 65.4 | 7311.7 | 400.0 | -31.1 | -40.4 | 280.1 | 18.6 | 18.5 | -3.3 | 334.5 | 315.1 | 0.2 | 25.4 | 6.2 | 13.0 |
| 28.6 | 69.4 | 7781.3 | 375.0 | -34.4 | -43.3 | 276.5 | 20.3 | 20.0 | -3.4 | 334.6 | 315.1 | 0.2 | 25.4 | 6.2 | 13.0 |
| 30.4 | 73.2 | 8265.4 | 350.0 | -37.8 | -46.3 | 274.3 | 18.1 | 16.0 | -1.4 | 334.7 | 314.1 | 0.1 | 25.4 | 6.2 | 13.0 |
| 32.6 | 77.2 | 8772.7 | 325.0 | -40.9 | -49.3 | 277.3 | 18.0 | 17.8 | -2.3 | 334.7 | 314.1 | 0.1 | 25.4 | 6.2 | 13.0 |
| 34.5 | 81.3 | 9311.8 | 300.0 | -45.6 | -52.2 | 274.8 | 19.1 | 19.0 | -1.9 | 334.7 | 314.1 | 0.1 | 25.4 | 6.2 | 13.0 |
| 36.4 | 85.7 | 9490.6 | 275.0 | -46.7 | -55.9 | 257.7 | 16.7 | 16.3 | 3.6 | 327.6 | 314.1 | 0.1 | 25.4 | 6.2 | 13.0 |
| 38.7 | 90.5 | 10516.4 | 250.0 | -50.3 | -59.9 | 241.7 | 21.0 | 18.5 | 10.0 | 331.3 | 314.1 | 0.1 | 25.4 | 6.2 | 13.0 |
| 41.5 | 95.6 | 11272.0 | 225.0 | -51.8 | -63.0 | 226.3 | 23.9 | 21.6 | 20.6 | 339.2 | 314.1 | 0.1 | 25.4 | 6.2 | 13.0 |
| 44.2 | 101.0 | 11959.8 | 200.0 | -54.8 | -66.0 | 224.0 | 23.6 | 21.5 | 10.2 | 344.4 | 314.1 | 0.1 | 25.4 | 6.2 | 13.0 |
| 47.7 | 107.3 | 12507.2 | 175.0 | -57.9 | -69.9 | 256.0 | 23.4 | 23.0 | 4.5 | 354.3 | 314.1 | 0.1 | 25.4 | 6.2 | 13.0 |
| 51.4 | 114.0 | 13772.2 | 150.0 | -57.3 | -72.9 | 256.8 | 22.0 | 25.3 | 0.2 | 371.4 | 314.1 | 0.1 | 25.4 | 6.2 | 13.0 |
| 55.6 | 122.3 | 14512.9 | 125.0 | -60.9 | -76.0 | 269.6 | 25.2 | 27.3 | 0.2 | 384.7 | 314.1 | 0.1 | 25.4 | 6.2 | 13.0 |
| 61.1 | 131.3 | 16256.2 | 100.0 | -59.7 | -79.9 | 273.4 | 23.4 | 25.4 | -1.5 | 412.4 | 314.1 | 0.1 | 25.4 | 6.2 | 13.0 |
| 68.5 | 141.0 | 18111.2 | 75.0 | -58.1 | -84.9 | 269.2 | 11.1 | 11.1 | -1.1 | 412.4 | 314.1 | 0.1 | 25.4 | 6.2 | 13.0 |
| 77.5 | 152.5 | 20639.1 | 50.0 | -60.6 | -89.9 | 260.4 | 6.3 | 6.2 | -1.1 | 500.8 | 314.1 | 0.1 | 25.4 | 6.2 | 13.0 |
| 99.9 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
... MEANS ELEVATION ANGLE LESS THAN 1 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 486
FORT TOTTEN, N Y

25 APRIL 1975
515 GMT

| TIME MIN | CNTCT | WEIGHT GPH | PRES MB | TEMP DG C | DCW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T D/ K | E POT T DG K | MR BTD CM/SEC | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|-------------|----------|
| 00.0 | 50.2 | 0.0 | 1007.3 | 15.1 | 14.4 | 000.0 | 99.9 | 99.9 | 99.9 | 289.0 | 315.0 | 10.5 | 97.0 | 990.0 | 030. |
| 00.1 | 50.7 | 0.0 | 1000.0 | 15.0 | 14.5 | 000.0 | 99.9 | 99.9 | 99.9 | 289.5 | 314.4 | 10.5 | 97.2 | 990.0 | 030. |
| 00.8 | 7.3 | 255.1 | 975.0 | 15.3 | 15.1 | 000.0 | 99.9 | 99.9 | 99.9 | 292.1 | 320.9 | 11.2 | 98.3 | 990.0 | 030. |
| 1.7 | 10.1 | 505.0 | 950.0 | 14.3 | 14.0 | 000.0 | 99.9 | 99.9 | 99.9 | 293.1 | 320.7 | 10.6 | 98.2 | 990.0 | 030. |
| 5.7 | 12.2 | 731.0 | 925.0 | 13.0 | 12.7 | 000.0 | 99.9 | 99.9 | 99.9 | 293.9 | 320.2 | 10.0 | 98.0 | 990.0 | 030. |
| 3.5 | 14.5 | 961.3 | 900.0 | 11.4 | 10.7 | 000.0 | 99.9 | 99.9 | 99.9 | 294.4 | 318.6 | 9.2 | 96.9 | 990.0 | 030. |
| 4.4 | 16.5 | 1196.3 | 875.0 | 9.5 | 9.0 | 000.0 | 99.9 | 99.9 | 99.9 | 294.1 | 309.9 | 9.9 | 99.9 | 990.0 | 030. |
| 5.3 | 18.3 | 1435.7 | 850.0 | 8.2 | 9.0 | 000.0 | 99.9 | 99.9 | 99.9 | 294.7 | 309.9 | 9.9 | 99.9 | 990.0 | 030. |
| 7.2 | 21.1 | 1651.2 | 825.0 | 7.0 | 9.0 | 000.0 | 99.9 | 99.9 | 99.9 | 294.0 | 309.9 | 9.9 | 99.9 | 990.0 | 030. |
| 9.1 | 23.5 | 1932.1 | 800.0 | 5.8 | 9.0 | 000.0 | 99.9 | 99.9 | 99.9 | 294.5 | 309.9 | 9.9 | 99.9 | 990.0 | 030. |
| 10.1 | 25.8 | 2191.9 | 775.0 | 4.4 | 9.0 | 000.0 | 99.9 | 99.9 | 99.9 | 294.8 | 309.9 | 9.9 | 99.9 | 990.0 | 030. |
| 11.2 | 27.3 | 2457.7 | 750.0 | 3.0 | 9.0 | 000.0 | 99.9 | 99.9 | 99.9 | 301.8 | 317.6 | 5.7 | 96.1 | 990.0 | 030. |
| 12.4 | 28.1 | 2731.6 | 725.0 | 1.5 | 0.0 | 000.0 | 99.9 | 99.9 | 99.9 | 303.5 | 318.7 | 5.4 | 95.9 | 990.0 | 030. |
| 13.6 | 29.4 | 3006.0 | 700.0 | 0.3 | -0.3 | 000.0 | 99.9 | 99.9 | 99.9 | 306.5 | 309.9 | 9.9 | 99.9 | 990.0 | 030. |
| 14.4 | 30.4 | 3306.0 | 675.0 | -0.3 | -0.3 | 000.0 | 99.9 | 99.9 | 99.9 | 307.7 | 309.9 | 9.9 | 99.9 | 990.0 | 030. |
| 15.1 | 31.2 | 3606.7 | 650.0 | -2.2 | -0.3 | 000.0 | 99.9 | 99.9 | 99.9 | 308.9 | 309.9 | 9.9 | 99.9 | 990.0 | 030. |
| 16.1 | 32.5 | 3916.0 | 625.0 | -4.2 | 0.0 | 000.0 | 99.9 | 99.9 | 99.9 | 310.1 | 309.9 | 9.9 | 99.9 | 990.0 | 030. |
| 17.7 | 33.7 | 4237.2 | 600.0 | -6.3 | 0.0 | 000.0 | 99.9 | 99.9 | 99.9 | 311.4 | 309.9 | 9.9 | 99.9 | 990.0 | 030. |
| 18.7 | 34.2 | 4568.5 | 575.0 | -8.3 | 0.0 | 000.0 | 99.9 | 99.9 | 99.9 | 313.1 | 309.9 | 9.9 | 99.9 | 990.0 | 030. |
| 19.9 | 35.7 | 4911.7 | 550.0 | -10.7 | 0.0 | 000.0 | 99.9 | 99.9 | 99.9 | 314.8 | 309.9 | 9.9 | 99.9 | 990.0 | 030. |
| 21.3 | 36.0 | 5267.8 | 525.0 | -12.8 | 0.0 | 000.0 | 99.9 | 99.9 | 99.9 | 316.4 | 309.9 | 9.9 | 99.9 | 990.0 | 030. |
| 22.7 | 36.3 | 5638.1 | 500.0 | -15.0 | 0.0 | 000.0 | 99.9 | 99.9 | 99.9 | 318.2 | 309.9 | 9.9 | 99.9 | 990.0 | 030. |
| 24.2 | 36.6 | 6024.3 | 475.0 | -17.4 | 0.0 | 000.0 | 99.9 | 99.9 | 99.9 | 320.4 | 309.9 | 9.9 | 99.9 | 990.0 | 030. |
| 25.4 | 36.9 | 6427.6 | 450.0 | -19.9 | 0.0 | 000.0 | 99.9 | 99.9 | 99.9 | 322.6 | 309.9 | 9.9 | 99.9 | 990.0 | 030. |
| 27.2 | 37.3 | 6840.1 | 425.0 | -22.3 | 0.0 | 000.0 | 99.9 | 99.9 | 99.9 | 323.7 | 323.2 | 0.7 | 70.5 | 990.0 | 030. |
| 28.6 | 37.6 | 7252.3 | 400.0 | -25.0 | 0.0 | 000.0 | 99.9 | 99.9 | 99.9 | 325.1 | 327.0 | 0.5 | 73.6 | 990.0 | 030. |
| 30.6 | 37.9 | 7756.4 | 375.0 | -28.6 | -31.6 | 000.0 | 99.9 | 99.9 | 99.9 | 327.5 | 328.9 | 0.3 | 67.0 | 990.0 | 030. |
| 32.3 | 38.4 | 8249.9 | 350.0 | -32.3 | -35.4 | 000.0 | 99.9 | 99.9 | 99.9 | 329.6 | 329.6 | 99.9 | 99.9 | 990.0 | 030. |
| 34.5 | 38.8 | 8746.5 | 325.0 | -36.9 | -40.6 | 000.0 | 99.9 | 99.9 | 99.9 | 331.2 | 329.6 | 99.9 | 99.9 | 990.0 | 030. |
| 36.7 | 39.0 | 9316.0 | 300.0 | -41.1 | 99.9 | 000.0 | 99.9 | 99.9 | 99.9 | 332.6 | 329.6 | 99.9 | 99.9 | 990.0 | 030. |
| 38.7 | 39.5 | 9900.0 | 275.0 | -46.4 | 99.9 | 000.0 | 99.9 | 99.9 | 99.9 | 334.0 | 329.6 | 99.9 | 99.9 | 990.0 | 030. |
| 41.2 | 40.4 | 10526.9 | 250.0 | -51.4 | 99.9 | 000.0 | 99.9 | 99.9 | 99.9 | 335.7 | 329.6 | 99.9 | 99.9 | 990.0 | 030. |
| 43.9 | 40.8 | 11202.1 | 225.0 | -57.0 | 99.9 | 000.0 | 99.9 | 99.9 | 99.9 | 337.5 | 329.6 | 99.9 | 99.9 | 990.0 | 030. |
| 46.8 | 40.5 | 11937.7 | 200.0 | -63.1 | 99.9 | 000.0 | 99.9 | 99.9 | 99.9 | 339.6 | 329.6 | 99.9 | 99.9 | 990.0 | 030. |
| 49.2 | 40.5 | 12751.6 | 175.0 | -68.6 | 99.9 | 000.0 | 99.9 | 99.9 | 99.9 | 340.0 | 329.6 | 99.9 | 99.9 | 990.0 | 030. |
| 51.6 | 40.5 | 13655.7 | 150.0 | -72.3 | 99.9 | 000.0 | 99.9 | 99.9 | 99.9 | 340.0 | 329.6 | 99.9 | 99.9 | 990.0 | 030. |
| 54.6 | 40.5 | 14625.3 | 125.0 | -77.8 | 99.9 | 000.0 | 99.9 | 99.9 | 99.9 | 340.0 | 329.6 | 99.9 | 99.9 | 990.0 | 030. |
| 58.7 | 40.5 | 15735.3 | 100.0 | -83.5 | 99.9 | 000.0 | 99.9 | 99.9 | 99.9 | 340.0 | 329.6 | 99.9 | 99.9 | 990.0 | 030. |
| 62.7 | 40.5 | 16926.7 | 75.0 | -89.2 | 99.9 | 000.0 | 99.9 | 99.9 | 99.9 | 340.0 | 329.6 | 99.9 | 99.9 | 990.0 | 030. |
| 67.2 | 40.5 | 18299.4 | 50.0 | -95.1 | 99.9 | 000.0 | 99.9 | 99.9 | 99.9 | 340.0 | 329.6 | 99.9 | 99.9 | 990.0 | 030. |
| 72.2 | 40.5 | 20009.7 | 25.0 | -101.7 | 99.9 | 000.0 | 99.9 | 99.9 | 99.9 | 340.0 | 329.6 | 99.9 | 99.9 | 990.0 | 030. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
A BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 51P
ALBANY, N.Y.25 APRIL 1975
515 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT 7 DG K | E POT 7 DG K | MX RTO GN/KG | RM PCT | RANGE KM | A/ CG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.1 | 86.0 | 1000.2 | 10.9 | 8.1 | 310.0 | 6.7 | 5.1 | -4.3 | 284.9 | 302.4 | 6.8 | 83.0 | 0.0 | 0. |
| 0.2 | 6.1 | 87.7 | 1000.0 | 10.9 | 8.1 | 309.4 | 6.6 | 5.1 | -4.2 | 284.9 | 302.4 | 6.8 | 82.9 | 0.0 | 2. |
| 0.4 | 6.4 | 252.7 | 975.0 | 9.5 | 7.4 | 265.6 | 3.0 | 3.0 | 0.2 | 285.6 | 302.8 | 6.7 | 86.6 | 0.7 | 11.4 |
| 1.6 | 10.5 | 514.9 | 950.0 | 10.0 | 8.6 | 320.1 | 7.9 | 4.2 | -6.7 | 280.3 | 307.5 | 7.4 | 91.1 | 0.9 | 12.5 |
| 2.5 | 12.9 | 737.1 | 925.0 | 10.4 | 8.8 | 332.5 | 5.8 | 2.7 | -5.1 | 280.9 | 311.1 | 7.7 | 89.7 | 1.2 | 17.0 |
| 3.2 | 15.2 | 966.0 | 900.0 | 10.8 | 6.8 | 303.3 | 8.4 | 6.9 | -4.8 | 273.5 | 312.0 | 6.9 | 76.5 | 1.6 | 17.0 |
| 4.0 | 17.5 | 1200.7 | 875.0 | 9.2 | 7.7 | 287.0 | 9.4 | 9.0 | -2.7 | 294.4 | 314.6 | 7.6 | 90.2 | 2.3 | 12.7 |
| 4.9 | 19.9 | 1441.0 | 850.0 | 7.9 | 6.9 | 277.0 | 9.2 | 9.2 | -1.1 | 295.4 | 315.2 | 7.4 | 93.1 | 2.5 | 12.7 |
| 5.8 | 22.2 | 1687.3 | 825.0 | 6.6 | 5.7 | 271.9 | 7.9 | 7.9 | -0.3 | 294.4 | 315.3 | 7.0 | 94.0 | 2.5 | 11.0 |
| 6.6 | 24.3 | 1939.8 | 800.0 | 4.9 | 4.2 | 275.6 | 6.3 | 6.3 | -0.6 | 294.4 | 314.6 | 6.4 | 93.7 | 3.2 | 11.0 |
| 7.4 | 27.1 | 2196.7 | 775.0 | 3.3 | 2.4 | 275.1 | 7.8 | 7.8 | -0.7 | 298.1 | 314.6 | 5.9 | 93.8 | 3.4 | 11.0 |
| 8.1 | 29.9 | 2463.8 | 750.0 | 1.7 | -7.7 | 273.4 | 8.3 | 8.3 | -0.5 | 298.8 | 307.0 | 2.9 | 46.7 | 4.7 | 11.0 |
| 9.2 | 32.4 | 2737.5 | 725.0 | 1.4 | -10.7 | 276.3 | 8.3 | 8.3 | -0.9 | 301.2 | 305.5 | 1.4 | 24.4 | 4.4 | 11.0 |
| 10.1 | 35.2 | 3015.2 | 700.0 | -0.2 | -17.0 | 270.9 | 8.9 | 8.7 | -1.5 | 302.5 | 306.8 | 1.4 | 26.8 | 4.4 | 10.0 |
| 11.2 | 37.8 | 3309.1 | 675.0 | -2.3 | -25.0 | 285.3 | 9.5 | 9.1 | -2.5 | 303.2 | 305.3 | 0.7 | 15.6 | 5.4 | 10.0 |
| 12.7 | 40.5 | 3602.1 | 650.0 | -3.1 | -30.5 | 282.5 | 8.3 | 8.4 | -1.8 | 305.4 | 305.6 | 0.1 | 1.0 | 6.2 | 10.0 |
| 14.1 | 43.3 | 3917.0 | 625.0 | -4.3 | -32.6 | 265.6 | 8.4 | 8.4 | 0.1 | 307.6 | 307.7 | 0.0 | 1.0 | 6.2 | 10.0 |
| 15.4 | 46.3 | 4238.0 | 600.0 | -6.4 | -34.0 | 265.4 | 10.3 | 10.2 | 0.9 | 308.7 | 308.8 | 0.0 | 1.0 | 7.4 | 10.0 |
| 16.7 | 49.3 | 4509.2 | 575.0 | -8.4 | -35.7 | 276.4 | 12.0 | 11.9 | -1.3 | 310.1 | 310.9 | 0.1 | 3.2 | 8.4 | 10.0 |
| 17.8 | 52.1 | 4811.8 | 550.0 | -11.6 | -37.1 | 270.1 | 13.8 | 12.9 | -4.7 | 310.4 | 311.3 | 0.3 | 9.9 | 9.4 | 10.0 |
| 19.1 | 55.3 | 5265.2 | 525.0 | -15.1 | -32.2 | 295.6 | 15.0 | 13.6 | -6.2 | 310.3 | 311.3 | 0.5 | 21.6 | 10.4 | 10.0 |
| 20.3 | 58.4 | 5632.8 | 500.0 | -18.2 | -25.3 | 297.8 | 15.8 | 13.9 | -7.4 | 310.9 | 314.1 | 1.0 | 45.1 | 11.4 | 10.0 |
| 21.7 | 61.8 | 6014.7 | 475.0 | -20.1 | -24.6 | 282.0 | 18.6 | 18.2 | -3.9 | 313.2 | 316.7 | 1.1 | 67.3 | 12.4 | 10.0 |
| 23.2 | 65.2 | 6414.8 | 450.0 | -21.7 | -24.6 | 282.0 | 18.6 | 18.2 | -3.9 | 313.2 | 316.7 | 1.1 | 67.3 | 12.4 | 10.0 |
| 24.8 | 68.6 | 6834.6 | 425.0 | -23.6 | -23.6 | 257.4 | 30.8 | 30.1 | 6.7 | 318.8 | 321.6 | 0.8 | 61.0 | 17.4 | 10.0 |
| 26.4 | 72.0 | 7275.1 | 400.0 | -26.8 | -31.3 | 255.4 | 30.9 | 29.9 | 7.8 | 320.2 | 322.5 | 0.7 | 65.4 | 20.1 | 9.0 |
| 28.0 | 76.0 | 7737.3 | 375.0 | -30.5 | -37.9 | 251.3 | 13.6 | 31.8 | 10.8 | 321.2 | 322.5 | 0.4 | 47.8 | 22.4 | 9.0 |
| 29.6 | 80.3 | 8224.8 | 350.0 | -33.6 | -37.9 | 244.9 | 33.6 | 29.6 | 13.8 | 323.4 | 324.6 | 0.3 | 53.1 | 25.4 | 9.0 |
| 31.3 | 83.9 | 8734.4 | 325.0 | -37.9 | -44.3 | 241.6 | 33.2 | 28.3 | 15.3 | 324.4 | 324.6 | 0.2 | 50.2 | 28.4 | 9.0 |
| 33.3 | 88.3 | 9286.0 | 300.0 | -42.7 | -44.3 | 235.7 | 35.0 | 28.6 | 15.8 | 325.2 | 324.6 | 99.9 | 99.9 | 32.4 | 9.0 |
| 35.4 | 92.5 | 9865.2 | 275.0 | -48.6 | -44.3 | 235.7 | 35.0 | 31.1 | 19.1 | 324.9 | 324.6 | 99.9 | 99.9 | 36.4 | 9.0 |
| 37.6 | 97.4 | 10485.0 | 250.0 | -53.2 | -44.3 | 235.7 | 35.0 | 34.4 | 16.1 | 326.9 | 324.6 | 99.9 | 99.9 | 40.7 | 9.0 |
| 39.9 | 102.5 | 11153.8 | 225.0 | -58.1 | -44.3 | 235.7 | 35.0 | 39.2 | 18.7 | 329.5 | 324.6 | 99.9 | 99.9 | 46.4 | 9.0 |
| 42.9 | 108.3 | 11891.3 | 200.0 | -62.0 | -44.3 | 235.7 | 35.0 | 34.9 | 10.3 | 324.7 | 324.6 | 99.9 | 99.9 | 54.7 | 9.0 |
| 49.2 | 114.3 | 12715.5 | 175.0 | -62.3 | -44.3 | 235.7 | 35.0 | 38.0 | 3.4 | 347.1 | 324.6 | 99.9 | 99.9 | 63.4 | 9.0 |
| 49.7 | 120.7 | 13676.0 | 150.0 | -58.8 | -44.3 | 235.7 | 35.0 | 26.3 | 0.7 | 368.8 | 324.6 | 99.9 | 99.9 | 70.4 | 9.0 |
| 54.1 | 125.0 | 14622.2 | 125.0 | -58.0 | -44.3 | 235.7 | 35.0 | 28.9 | -1.0 | 389.9 | 324.6 | 99.9 | 99.9 | 74.9 | 9.0 |
| 59.8 | 136.3 | 16234.1 | 100.0 | -56.5 | -44.3 | 235.7 | 35.0 | 22.1 | -5.6 | 418.6 | 324.6 | 99.9 | 99.9 | 84.7 | 9.0 |
| 66.3 | 144.7 | 18052.3 | 75.0 | -58.7 | -44.3 | 235.7 | 35.0 | 12.1 | -5.0 | 449.9 | 324.6 | 99.9 | 99.9 | 94.4 | 9.0 |
| 75.3 | 154.3 | 22590.8 | 50.0 | -57.2 | -44.3 | 235.7 | 35.0 | 1.8 | -4.4 | 508.8 | 324.6 | 99.9 | 99.9 | 94.2 | 9.0 |
| 89.9 | 163.7 | 24992.7 | 25.0 | -55.6 | -44.3 | 235.7 | 35.0 | -3.7 | -2.1 | 611.1 | 324.6 | 99.9 | 99.9 | 95.5 | 9.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

C-5

STATION NO. 520
PITTSBURGH, PA

25 APRIL 1975
515 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.9 | 359.0 | 971.0 | 12.0 | 9.9 | 300.0 | 3.1 | 2.7 | -1.8 | 288.5 | 303.1 | 7.9 | 87.0 | 0.0 | 0. |
| 99.9 | 99.3 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 4.0 | 99.3 | 99.9 | 973.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 9.9 | 582.7 | 953.0 | 11.6 | 11.2 | 999.9 | 99.9 | 99.9 | 99.9 | 290.1 | 313.0 | 8.0 | 97.0 | 99.9 | 99.9 |
| 1.4 | 12.2 | 765.6 | 925.0 | 12.8 | 11.0 | 999.9 | 99.9 | 99.9 | 99.9 | 293.6 | 317.1 | 9.0 | 88.7 | 99.9 | 99.9 |
| 2.1 | 14.3 | 996.9 | 900.0 | 11.6 | 9.8 | 104.2 | 4.3 | 3.6 | -2.4 | 264.6 | 317.2 | 8.5 | 95.0 | 99.9 | 99.9 |
| 2.9 | 17.1 | 1232.8 | 875.0 | 10.4 | 9.3 | 290.6 | 6.1 | 5.7 | -2.1 | 293.7 | 318.2 | 8.5 | 92.8 | 99.9 | 99.9 |
| 3.7 | 19.3 | 1474.0 | 850.0 | 8.6 | 7.8 | 285.4 | 7.0 | 6.8 | -1.6 | 296.2 | 317.2 | 7.8 | 99.2 | 99.9 | 99.9 |
| 4.5 | 22.3 | 1720.6 | 825.0 | 6.5 | 5.9 | 285.9 | 6.0 | 5.8 | -1.6 | 296.5 | 315.6 | 7.1 | 95.2 | 99.9 | 99.9 |
| 5.3 | 25.3 | 1973.0 | 800.0 | 5.1 | 4.3 | 290.0 | 7.3 | 6.8 | -2.5 | 297.4 | 315.2 | 6.5 | 95.0 | 99.9 | 99.9 |
| 6.2 | 27.6 | 2232.4 | 775.0 | 4.6 | 3.4 | 287.9 | 9.7 | 9.2 | -3.0 | 299.6 | 317.0 | 6.3 | 91.2 | 99.9 | 99.9 |
| 7.1 | 30.4 | 2499.1 | 750.0 | 2.7 | 0.8 | 288.3 | 10.4 | 10.1 | -2.6 | 300.3 | 315.4 | 5.4 | 86.8 | 99.9 | 99.9 |
| 8.1 | 33.2 | 2773.0 | 725.0 | 0.6 | -3.8 | 288.1 | 11.5 | 10.9 | -3.6 | 300.6 | 312.1 | 4.0 | 72.9 | 99.9 | 99.9 |
| 9.0 | 35.9 | 3053.8 | 700.0 | -1.1 | -13.6 | 297.0 | 12.4 | 11.3 | -5.7 | 301.5 | 307.2 | 1.9 | 36.0 | 99.9 | 99.9 |
| 10.1 | 38.5 | 3347.3 | 675.0 | -1.7 | -22.8 | 298.0 | 13.3 | 11.8 | -6.3 | 303.8 | 306.7 | 0.9 | 18.1 | 99.9 | 99.9 |
| 11.0 | 41.4 | 3647.1 | 650.0 | -2.6 | -27.7 | 297.6 | 12.5 | 11.1 | -5.8 | 307.1 | 309.3 | 0.7 | 15.4 | 99.9 | 99.9 |
| 12.0 | 44.5 | 3952.9 | 625.0 | -4.7 | -27.1 | 300.6 | 11.7 | 10.1 | -6.0 | 308.2 | 308.9 | 0.9 | 17.8 | 99.9 | 99.9 |
| 13.1 | 47.7 | 4272.7 | 600.0 | -7.0 | -29.7 | 295.3 | 11.9 | 10.3 | -5.8 | 308.0 | 309.8 | 0.5 | 14.4 | 99.9 | 99.9 |
| 14.1 | 50.7 | 4603.0 | 575.0 | -9.5 | -30.2 | 294.9 | 11.7 | 10.6 | -4.9 | 308.8 | 310.5 | 0.5 | 16.8 | 99.9 | 99.9 |
| 15.3 | 54.3 | 4944.8 | 550.0 | -11.5 | -27.1 | 288.9 | 10.4 | 10.2 | -3.5 | 310.5 | 312.9 | 0.7 | 25.9 | 99.9 | 99.9 |
| 16.5 | 57.1 | 5300.4 | 525.0 | -13.8 | -21.4 | 289.9 | 13.3 | 12.5 | -4.5 | 312.0 | 316.2 | 1.3 | 52.3 | 99.9 | 99.9 |
| 17.7 | 60.4 | 5670.7 | 500.0 | -15.0 | -20.8 | 289.6 | 19.3 | 18.3 | -6.1 | 314.8 | 317.4 | 0.9 | 37.2 | 99.9 | 99.9 |
| 19.0 | 64.1 | 6056.6 | 475.0 | -17.7 | -18.5 | 285.5 | 24.4 | 23.5 | -6.5 | 316.0 | 316.6 | 0.1 | 7.4 | 99.9 | 99.9 |
| 20.3 | 67.7 | 6459.4 | 450.0 | -20.1 | -18.0 | 280.8 | 28.9 | 28.4 | -5.4 | 317.9 | 318.1 | 0.0 | 2.6 | 99.9 | 99.9 |
| 21.6 | 71.2 | 6882.3 | 425.0 | -21.4 | -63.6 | 279.6 | 34.1 | 33.6 | -5.7 | 321.5 | 321.5 | 0.0 | 1.0 | 99.9 | 99.9 |
| 23.2 | 75.2 | 7326.3 | 400.0 | -24.8 | -65.8 | 284.2 | 37.1 | 35.9 | -9.1 | 322.7 | 322.8 | 0.0 | 1.0 | 99.9 | 99.9 |
| 24.8 | 79.2 | 7791.6 | 375.0 | -25.4 | -57.6 | 284.3 | 37.8 | 36.6 | -9.3 | 323.6 | 323.6 | 0.0 | 4.6 | 99.9 | 99.9 |
| 26.4 | 83.2 | 8276.8 | 350.0 | -33.7 | -52.8 | 285.2 | 42.3 | 40.8 | -11.1 | 323.3 | 323.5 | 0.0 | 8.0 | 99.9 | 99.9 |
| 28.3 | 87.3 | 8794.0 | 325.0 | -38.6 | 99.9 | 284.4 | 40.5 | 38.5 | -12.8 | 324.7 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 30.3 | 92.0 | 9338.3 | 300.0 | -43.0 | 99.9 | 287.9 | 46.4 | 44.2 | -14.3 | 324.7 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 32.3 | 96.4 | 9919.8 | 275.0 | -47.0 | 99.9 | 283.0 | 46.6 | 45.4 | -10.4 | 327.1 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 34.6 | 101.4 | 10546.0 | 250.0 | -50.3 | 99.9 | 271.1 | 40.7 | 40.6 | -0.7 | 331.3 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 36.9 | 106.9 | 11224.7 | 225.0 | -56.2 | 99.9 | 265.8 | 38.1 | 38.0 | 2.8 | 334.4 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 39.3 | 112.3 | 11965.5 | 200.0 | -50.0 | 99.9 | 262.0 | 45.1 | 44.7 | 6.3 | 337.8 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 42.1 | 118.3 | 12787.8 | 175.0 | -44.1 | 99.9 | 261.1 | 30.1 | 29.8 | 4.7 | 344.2 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 44.9 | 125.0 | 13743.6 | 150.0 | -61.3 | 99.9 | 259.5 | 21.4 | 21.0 | 3.9 | 368.4 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 48.6 | 131.5 | 14880.1 | 125.0 | -58.1 | 99.9 | 272.5 | 27.9 | 27.9 | -1.2 | 393.8 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 51.0 | 136.5 | 16255.0 | 100.0 | -57.2 | 99.9 | 278.5 | 17.4 | 17.2 | -2.6 | 417.4 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 58.5 | 145.8 | 18944.4 | 75.0 | -62.5 | 99.9 | 242.6 | 10.7 | 9.5 | 4.9 | 441.8 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 66.3 | 153.5 | 21609.3 | 50.0 | -58.1 | 99.9 | 289.6 | 8.1 | 7.6 | -2.7 | 508.7 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 79.1 | 161.7 | 25629.8 | 25.0 | -53.1 | 99.9 | 292.6 | 2.7 | -2.7 | 0.1 | 632.4 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 528
BUFFALO, N Y25 APRIL 1975
515 GMT

159 17. 9

| TIME MIN | CNTCT | HEIGHT GFN | PRES MB | TEMP DG C | DEV PT DG C | DIR DG | SPEED M/SEC | U CUMP M/SEC | V CUMP M/SEC | POT T DG K | C POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.8 | 218.0 | 989.2 | 6.1 | 3.3 | 300.0 | 2.6 | 0.0 | -2.6 | 280.8 | 293.4 | 4.9 | 82.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 6.8 | 336.7 | 975.0 | 5.6 | 1.9 | 348.5 | 7.2 | 1.4 | -7.1 | 281.4 | 293.1 | 4.5 | 77.4 | 0.0 | 100. |
| 1.1 | 5.0 | 248.6 | 950.0 | 3.6 | 2.3 | 357.8 | 6.0 | 0.2 | -6.0 | 281.5 | 293.8 | 4.7 | 90.7 | 0.2 | 171. |
| 1.8 | 10.9 | 765.1 | 925.0 | 2.5 | 2.0 | 12.8 | 4.2 | -0.9 | -4.1 | 282.5 | 294.9 | 4.8 | 96.2 | 0.4 | 174. |
| 2.5 | 13.1 | 986.2 | 900.3 | 0.9 | 0.5 | 359.5 | 3.7 | 0.0 | -3.7 | 283.0 | 294.5 | 4.4 | 97.2 | 0.6 | 173. |
| 3.3 | 15.2 | 1213.9 | 875.0 | 2.9 | -1.8 | 305.1 | 4.6 | 3.8 | -2.7 | 287.3 | 297.7 | 3.9 | 71.8 | 0.7 | 174. |
| 4.0 | 17.3 | 1445.2 | 850.0 | 4.2 | -6.3 | 312.5 | 7.3 | 5.4 | -4.9 | 290.9 | 298.8 | 2.8 | 46.3 | 0.9 | 174. |
| 4.7 | 10.5 | 1652.5 | 825.0 | 4.8 | -10.7 | 310.4 | 7.2 | 5.5 | -4.7 | 294.0 | 299.8 | 2.0 | 30.9 | 1.2 | 174. |
| 5.5 | 21.6 | 1943.3 | 800.0 | 4.8 | -16.0 | 294.5 | 8.9 | 8.1 | -3.7 | 296.4 | 300.5 | 1.4 | 20.4 | 1.5 | 174. |
| 6.2 | 24.0 | 2201.4 | 775.0 | 3.5 | -12.2 | 298.7 | 11.2 | 9.9 | -5.4 | 297.8 | 301.4 | 1.9 | 14.0 | 1.9 | 174. |
| 7.0 | 25.2 | 2465.5 | 750.0 | 5.1 | -22.6 | 298.5 | 12.2 | 10.8 | -5.4 | 298.9 | 301.5 | 0.8 | 14.0 | 2.4 | 174. |
| 7.8 | 28.7 | 2740.0 | 725.0 | 1.6 | -19.9 | 295.7 | 11.6 | 10.4 | -3.0 | 301.3 | 304.7 | 1.1 | 18.4 | 3.1 | 174. |
| 8.4 | 31.2 | 3021.7 | 700.0 | 0.1 | -23.0 | 290.0 | 10.7 | 10.1 | -3.7 | 302.7 | 305.4 | 0.9 | 19.6 | 3.6 | 174. |
| 9.5 | 33.8 | 3312.1 | 675.0 | -1.6 | -22.9 | 289.3 | 10.9 | 10.2 | -3.6 | 303.9 | 306.7 | 0.9 | 17.8 | 4.2 | 174. |
| 10.6 | 36.2 | 3611.3 | 650.0 | -3.5 | -24.3 | 287.4 | 11.6 | 11.1 | -3.5 | 305.1 | 307.7 | 0.8 | 14.2 | 4.8 | 174. |
| 11.5 | 38.3 | 3919.9 | 625.0 | -5.8 | -25.3 | 284.4 | 12.7 | 12.3 | -3.2 | 305.9 | 308.4 | 0.8 | 19.7 | 5.4 | 174. |
| 12.4 | 41.4 | 4238.8 | 600.0 | -7.5 | -28.6 | 282.3 | 13.1 | 12.8 | -2.8 | 307.5 | 309.5 | 0.6 | 16.5 | 6.1 | 174. |
| 13.4 | 44.2 | 4569.5 | 575.0 | -10.1 | -29.2 | 284.5 | 14.0 | 13.5 | -3.5 | 308.2 | 310.1 | 0.6 | 19.2 | 6.8 | 174. |
| 14.3 | 47.1 | 4905.1 | 550.0 | -13.1 | -30.3 | 283.0 | 15.0 | 14.6 | -3.4 | 309.5 | 310.3 | 0.5 | 20.7 | 7.7 | 174. |
| 14.3 | 50.1 | 5241.8 | 525.0 | -15.7 | -31.6 | 282.8 | 14.3 | 14.0 | -3.2 | 309.6 | 311.3 | 0.5 | 23.9 | 8.6 | 174. |
| 16.6 | 53.0 | 5628.3 | 500.0 | -17.8 | -28.4 | 290.5 | 16.1 | 15.1 | -3.7 | 311.4 | 311.8 | 0.7 | 38.5 | 9.7 | 174. |
| 17.7 | 56.0 | 6005.6 | 475.0 | -21.1 | -27.4 | 298.2 | 17.9 | 17.0 | -3.6 | 311.9 | 314.6 | 0.8 | 56.0 | 10.4 | 174. |
| 18.8 | 58.3 | 6406.2 | 450.0 | -24.3 | -28.2 | 279.8 | 17.3 | 17.0 | -3.0 | 312.7 | 315.4 | 0.8 | 69.7 | 12.0 | 174. |
| 20.2 | 62.7 | 6820.7 | 425.0 | -27.4 | -32.1 | 271.1 | 16.0 | 16.0 | -2.3 | 313.9 | 315.9 | 0.6 | 64.2 | 13.2 | 174. |
| 21.6 | 66.0 | 7254.1 | 400.0 | -30.4 | -34.9 | 269.6 | 17.4 | 17.4 | 0.1 | 315.5 | 317.2 | 0.5 | 63.9 | 14.5 | 174. |
| 23.0 | 69.7 | 7713.8 | 375.0 | -33.2 | -39.2 | 275.7 | 22.0 | 21.9 | -2.2 | 317.6 | 318.8 | 0.3 | 54.7 | 16.1 | 174. |
| 24.6 | 73.3 | 8193.1 | 350.0 | -36.3 | -53.8 | 266.8 | 23.2 | 23.2 | 1.3 | 319.7 | 320.0 | 0.1 | 14.4 | 18.2 | 174. |
| 24.3 | 77.5 | 8703.0 | 325.0 | -40.7 | 99.9 | 263.0 | 24.0 | 23.8 | 1.3 | 320.7 | 320.9 | 99.9 | 99.9 | 20.5 | 174. |
| 24.0 | 81.4 | 9242.6 | 300.0 | -45.2 | 99.9 | 257.9 | 23.1 | 22.0 | 4.8 | 321.6 | 321.6 | 99.9 | 99.9 | 22.7 | 174. |
| 30.0 | 85.7 | 9817.2 | 275.0 | -50.2 | 99.9 | 253.7 | 24.2 | 23.8 | 4.3 | 322.5 | 322.5 | 99.9 | 99.9 | 25.3 | 174. |
| 32.0 | 90.4 | 10432.1 | 250.0 | -55.0 | 99.9 | 260.4 | 27.4 | 27.0 | 4.6 | 324.4 | 324.4 | 99.9 | 99.9 | 28.4 | 174. |
| 34.2 | 95.4 | 11103.2 | 225.0 | -58.5 | 99.9 | 264.5 | 30.1 | 30.0 | 2.9 | 332.0 | 332.0 | 99.9 | 99.9 | 32.2 | 174. |
| 36.8 | 100.8 | 11846.6 | 200.0 | -58.3 | 99.9 | 262.3 | 33.6 | 33.6 | 4.5 | 334.5 | 334.5 | 99.9 | 99.9 | 37.0 | 174. |
| 39.6 | 106.8 | 12682.7 | 175.0 | -59.1 | 99.9 | 265.0 | 34.4 | 34.3 | 3.0 | 352.4 | 352.4 | 99.9 | 99.9 | 42.6 | 174. |
| 43.0 | 113.3 | 13657.2 | 150.0 | -55.1 | 99.9 | 264.5 | 27.8 | 27.6 | 3.7 | 375.2 | 375.2 | 99.9 | 99.9 | 48.7 | 174. |
| 46.9 | 120.7 | 14818.4 | 125.0 | -56.7 | 99.9 | 264.3 | 21.1 | 21.0 | 2.1 | 392.3 | 392.3 | 99.9 | 99.9 | 55.3 | 174. |
| 52.0 | 129.3 | 16217.7 | 100.0 | -56.1 | 99.9 | 269.3 | 20.5 | 20.5 | 0.2 | 419.4 | 419.4 | 99.9 | 99.9 | 61.1 | 174. |
| 59.4 | 139.0 | 18053.0 | 50.0 | -61.7 | 99.9 | 267.8 | 15.2 | 15.2 | 0.6 | 443.6 | 443.6 | 99.9 | 99.9 | 67.3 | 174. |
| 66.7 | 149.3 | 20552.1 | 0.0 | -57.9 | 99.9 | 325.8 | 7.9 | 6.4 | -4.6 | 507.1 | 507.1 | 99.9 | 99.9 | 70.7 | 174. |
| 80.0 | 156.7 | 25022.8 | 0.0 | -52.0 | 99.9 | 77.4 | 3.6 | -3.6 | -0.8 | 635.7 | 635.7 | 99.9 | 99.9 | 80.6 | 174. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 532
PEORIA, ILL

25 APRIL 1975
515 GMT

150 12. 0

| TIME MIN | CNTCT | HEIGHT GEM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCMF M/SEC | POT T DG K | E POT T DG K | MR RTO CM/MG | PM PCT | RANGF KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.6 | 200.0 | 989.2 | 8.9 | 5.6 | 56.0 | 8.2 | -4.7 | -4.0 | 283.7 | 298.7 | 5.8 | 80.0 | 0.0 | 0. |
| 0.9 | 5.3 | 99.9 | 1000.0 | 99.9 | 99.9 | 56.0 | 99.9 | 99.9 | 55.7 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 99.9 |
| 0.5 | 6.6 | 319.7 | 975.0 | 7.8 | 6.0 | 56.7 | 11.2 | -0.4 | -6.2 | 283.8 | 299.4 | 6.0 | 99.9 | 0.3 | 23.6 |
| 1.3 | 6.6 | 533.7 | 950.0 | 6.9 | 6.6 | 58.4 | 10.1 | -8.6 | -2.3 | 285.1 | 301.8 | 6.5 | 98.6 | 0.9 | 21.6 |
| 2.2 | 16.6 | 755.0 | 925.0 | 10.1 | 10.1 | 99.9 | 99.9 | 99.9 | 99.9 | 290.8 | 312.8 | 8.5 | 101.6 | 999.9 | 99.9 |
| 3.0 | 12.6 | 973.6 | 900.0 | 10.5 | 10.5 | 99.9 | 99.9 | 99.9 | 99.9 | 293.5 | 317.0 | 8.9 | 101.1 | 999.9 | 99.9 |
| 3.9 | 14.7 | 1218.9 | 875.0 | 10.0 | 9.9 | 99.9 | 99.9 | 99.9 | 99.9 | 295.4 | 318.8 | 8.8 | 99.6 | 999.9 | 99.9 |
| 4.8 | 16.4 | 1460.5 | 850.0 | 9.5 | 8.8 | 238.7 | 4.5 | 3.7 | 2.6 | 297.2 | 319.8 | 8.4 | 95.9 | 1.0 | 25.6 |
| 5.8 | 18.3 | 1707.9 | 825.0 | 7.5 | 4.9 | 250.9 | 3.4 | 3.2 | 1.1 | 297.4 | 315.4 | 6.6 | 83.4 | 0.8 | 25.4 |
| 6.6 | 20.3 | 1961.8 | 800.0 | 7.3 | 5.0 | 253.2 | 2.4 | 2.3 | 0.7 | 298.8 | 318.6 | 6.9 | 85.3 | 0.6 | 26.3 |
| 7.5 | 23.3 | 2222.9 | 775.0 | 6.0 | 0.3 | 239.9 | 2.1 | 1.8 | 1.0 | 300.9 | 315.1 | 5.1 | 67.2 | 0.5 | 26.4 |
| 8.6 | 25.5 | 2490.8 | 750.0 | 3.9 | -2.2 | 240.2 | 1.9 | 1.6 | 0.9 | 301.4 | 313.8 | 4.4 | 64.4 | 0.4 | 27.6 |
| 9.5 | 27.8 | 2745.5 | 725.0 | 2.2 | -7.5 | 246.1 | 1.5 | 1.3 | 0.6 | 302.3 | 311.0 | 3.0 | 48.7 | 0.3 | 24.6 |
| 10.6 | 30.2 | 3048.5 | 700.0 | 0.6 | -9.8 | 293.1 | 2.2 | 2.0 | -0.8 | 303.5 | 311.2 | 2.6 | 45.3 | 0.2 | 24.6 |
| 11.5 | 32.8 | 3335.6 | 675.0 | -1.4 | -7.9 | 99.9 | 99.9 | 99.9 | 99.9 | 304.3 | 313.6 | 3.1 | 61.0 | 999.9 | 99.9 |
| 12.6 | 35.3 | 3639.3 | 650.0 | -4.0 | -8.7 | 99.9 | 99.9 | 99.9 | 99.9 | 306.8 | 313.7 | 3.0 | 69.6 | 999.9 | 99.9 |
| 13.9 | 37.7 | 3948.0 | 625.0 | -5.7 | -10.7 | 99.9 | 99.9 | 99.9 | 99.9 | 308.2 | 314.3 | 2.7 | 68.0 | 999.9 | 99.9 |
| 15.1 | 40.4 | 4267.6 | 600.0 | -7.1 | -19.7 | 99.9 | 99.9 | 99.9 | 99.9 | 308.1 | 314.3 | 1.3 | 35.8 | 999.9 | 99.9 |
| 16.3 | 42.9 | 4597.3 | 575.0 | -10.4 | -21.5 | 280.9 | 11.3 | 11.1 | -2.1 | 308.0 | 311.7 | 1.2 | 39.5 | 2.5 | 12.6 |
| 17.5 | 45.4 | 4938.2 | 550.0 | -12.6 | -21.3 | 273.7 | 9.9 | 9.8 | -0.6 | 30.2 | 313.2 | 1.3 | 47.9 | 3.7 | 10.7 |
| 18.6 | 48.6 | 5291.2 | 525.0 | -13.7 | -22.3 | 268.0 | 10.0 | 10.0 | 0.7 | 309.6 | 313.5 | 1.2 | 57.1 | 4.2 | 13.4 |
| 19.7 | 51.4 | 5657.8 | 500.0 | -17.8 | -28.5 | 268.9 | 14.8 | 14.8 | 0.3 | 311.4 | 313.8 | 0.7 | 38.2 | 4.9 | 13.1 |
| 20.8 | 54.5 | 6039.6 | 475.0 | -20.4 | -33.2 | 268.9 | 18.9 | 18.9 | 0.4 | 312.7 | 314.3 | 0.5 | 30.8 | 6.1 | 7.9 |
| 22.1 | 57.5 | 6437.4 | 450.0 | -23.6 | -34.9 | 268.0 | 20.4 | 20.3 | 1.4 | 313.6 | 315.1 | 0.4 | 34.1 | 7.6 | 9.7 |
| 23.4 | 60.8 | 6853.3 | 425.0 | -26.0 | -41.3 | 260.9 | 23.3 | 23.0 | 3.7 | 315.7 | 314.5 | 0.2 | 22.1 | 9.3 | 9.4 |
| 24.9 | 64.1 | 7299.2 | 400.0 | -28.6 | -48.3 | 259.5 | 27.6 | 27.1 | 5.0 | 317.7 | 317.7 | 0.0 | 1.0 | 11.4 | 9.4 |
| 26.3 | 67.6 | 7748.4 | 375.0 | -32.1 | -70.6 | 259.3 | 33.1 | 32.6 | 6.2 | 319.0 | 319.0 | 0.0 | 1.0 | 14.0 | 9.4 |
| 27.9 | 71.1 | 8232.1 | 350.0 | -35.3 | -46.0 | 252.8 | 43.6 | 41.7 | 12.9 | 321.1 | 321.7 | 0.2 | 32.2 | 17.3 | 9.7 |
| 29.4 | 75.0 | 8745.2 | 325.0 | -37.8 | -42.7 | 243.1 | 52.5 | 46.8 | 23.7 | 324.8 | 325.8 | 0.3 | 59.4 | 21.8 | 8.1 |
| 31.2 | 79.2 | 9298.6 | 300.0 | -41.7 | 99.9 | 238.7 | 64.9 | 44.5 | 31.4 | 328.6 | 328.6 | 99.9 | 99.9 | 27.1 | 7.4 |
| 33.1 | 82.2 | 9876.7 | 275.0 | -46.4 | 99.9 | 232.2 | 52.9 | 41.8 | 32.4 | 328.1 | 328.1 | 99.9 | 99.9 | 32.7 | 7.3 |
| 35.0 | 87.4 | 10528.4 | 250.0 | -51.7 | 99.9 | 233.6 | 56.9 | 42.4 | 33.8 | 329.3 | 329.3 | 99.9 | 99.9 | 38.6 | 7.0 |
| 37.2 | 92.5 | 11179.7 | 225.0 | -55.9 | 99.9 | 230.3 | 67.3 | 51.8 | 43.0 | 332.8 | 332.8 | 99.9 | 99.9 | 46.7 | 6.7 |
| 39.9 | 97.3 | 11918.0 | 200.0 | -61.0 | 99.9 | 237.9 | 64.9 | 51.8 | 34.5 | 336.1 | 336.1 | 99.9 | 99.9 | 56.3 | 6.4 |
| 42.7 | 103.3 | 12739.8 | 175.0 | -65.5 | 99.9 | 254.8 | 51.9 | 50.1 | 13.6 | 341.9 | 341.9 | 99.9 | 99.9 | 67.8 | 6.2 |
| 46.1 | 109.9 | 13688.5 | 150.0 | -61.4 | 99.9 | 270.0 | 35.5 | 35.5 | -0.0 | 364.3 | 364.3 | 99.9 | 99.9 | 75.6 | 6.7 |
| 50.6 | 116.7 | 14823.3 | 125.0 | -61.5 | 99.9 | 265.7 | 30.8 | 30.7 | 2.3 | 383.6 | 383.6 | 99.9 | 99.9 | 82.9 | 9.0 |
| 56.2 | 125.3 | 16217.3 | 100.0 | -59.0 | 99.9 | 263.0 | 22.3 | 22.2 | 1.9 | 413.8 | 413.8 | 99.9 | 99.9 | 86.9 | 7.1 |
| 62.8 | 135.0 | 18017.6 | 75.0 | -61.4 | 99.9 | 250.4 | 13.1 | 12.3 | 0.4 | 444.2 | 444.2 | 99.9 | 99.9 | 96.6 | 7.3 |
| 72.6 | 145.5 | 20525.5 | 50.0 | -60.0 | 99.9 | 106.7 | 2.6 | -2.5 | 0.7 | 502.2 | 502.2 | 99.9 | 99.9 | 99.6 | 7.2 |
| 86.5 | 157.0 | 24917.2 | 25.0 | -53.8 | 99.9 | 55.9 | 6.5 | -5.4 | -3.6 | 629.9 | 629.9 | 99.9 | 99.9 | 100.0 | 7.2 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 553
OMAHA, NEB25 APRIL 1975
338 GMT

| TIME MIN | CATCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| | | | | | | | | | | | | | | | |
| 0.0 | 7.3 | 400.0 | 963.7 | 12.1 | 10.3 | 30.0 | 4.1 | -2.0 | -3.6 | 289.4 | 310.7 | 4.2 | 89.0 | 0.0 | 0. |
| 99.3 | 99.9 | 1000.0 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 8.2 | 521.0 | 950.0 | 14.4 | 12.7 | 37.8 | 6.3 | -3.8 | -5.0 | 293.1 | 318.7 | 9.8 | 89.8 | 0.2 | 309. |
| 1.2 | 10.1 | 925.0 | 925.0 | 13.3 | 11.6 | 159.0 | 0.5 | -0.2 | 0.5 | 294.1 | 313.7 | 9.8 | 89.9 | 0.2 | 257. |
| 2.1 | 11.9 | 976.7 | 900.0 | 11.4 | 10.3 | 215.0 | 3.8 | 2.2 | 3.1 | 294.4 | 317.6 | 8.8 | 92.9 | 0.2 | 126. |
| 3.0 | 13.9 | 1212.0 | 875.0 | 10.1 | 9.1 | 212.9 | 5.6 | 4.4 | 3.4 | 295.3 | 317.5 | 8.1 | 93.5 | 0.3 | 9. |
| 3.9 | 15.3 | 1453.1 | 850.0 | 9.7 | 3.5 | 257.9 | 6.1 | 5.9 | 1.3 | 297.0 | 317.5 | 5.8 | 65.5 | 0.6 | 35. |
| 4.8 | 17.9 | 1700.7 | 825.0 | 8.2 | 1.1 | 290.4 | 6.7 | 6.3 | -2.3 | 297.9 | 311.9 | 5.0 | 60.8 | 0.8 | 54. |
| 6.2 | 20.0 | 1953.8 | 800.0 | 6.1 | 0.9 | 296.9 | 8.2 | 7.3 | -3.7 | 298.3 | 312.5 | 5.1 | 69.3 | 1.3 | 82. |
| 7.3 | 22.0 | 2213.2 | 775.0 | 4.1 | -1.1 | 302.4 | 9.7 | 8.2 | -5.2 | 298.8 | 311.5 | 4.6 | 69.0 | 1.4 | 91. |
| 8.4 | 24.2 | 2479.4 | 750.0 | 2.6 | -9.8 | 297.3 | 9.4 | 8.3 | -4.3 | 299.7 | 308.8 | 2.4 | 39.7 | 2.1 | 100. |
| 9.4 | 26.2 | 2752.5 | 725.0 | 0.4 | -17.9 | 300.6 | 11.1 | 10.1 | -6.0 | 300.1 | 304.0 | 1.3 | 23.6 | 2.9 | 174. |
| 10.6 | 28.5 | 3032.7 | 700.0 | -2.1 | -19.4 | 303.1 | 15.1 | 14.6 | -8.2 | 300.3 | 303.9 | 1.2 | 25.0 | 3.9 | 179. |
| 11.7 | 30.9 | 3320.9 | 675.0 | -2.2 | -36.1 | 300.1 | 17.5 | 15.1 | -8.8 | 303.2 | 304.1 | 0.3 | 5.7 | 5.0 | 112. |
| 12.9 | 33.3 | 3620.8 | 650.0 | -2.3 | -38.7 | 294.4 | 21.8 | 19.9 | -9.0 | 306.4 | 307.1 | 0.2 | 4.1 | 6.3 | 117. |
| 13.9 | 35.7 | 3931.1 | 625.0 | -4.1 | -44.1 | 290.6 | 23.9 | 22.4 | -8.4 | 307.7 | 308.2 | 0.1 | 2.7 | 7.7 | 112. |
| 15.1 | 38.1 | 4251.3 | 600.0 | -6.5 | -42.1 | 287.9 | 25.7 | 24.4 | -7.9 | 308.6 | 309.2 | 0.2 | 3.9 | 9.5 | 112. |
| 16.1 | 40.6 | 4582.1 | 575.0 | -9.4 | -43.5 | 287.4 | 26.0 | 24.8 | -7.8 | 309.0 | 309.4 | 0.1 | 4.2 | 11.3 | 111. |
| 17.5 | 43.1 | 4923.4 | 550.0 | -12.5 | -45.0 | 291.5 | 26.3 | 24.5 | -8.6 | 309.2 | 309.7 | 0.1 | 4.6 | 13.3 | 111. |
| 18.8 | 46.0 | 5276.2 | 525.0 | -15.8 | -44.9 | 296.2 | 25.3 | 22.7 | -11.2 | 309.4 | 309.9 | 0.1 | 6.1 | 15.2 | 111. |
| 20.2 | 49.3 | 5641.5 | 500.0 | -18.9 | -45.3 | 293.7 | 28.7 | 26.2 | -11.5 | 309.9 | 310.4 | 0.1 | 7.6 | 17.5 | 112. |
| 21.4 | 51.7 | 6021.5 | 475.0 | -21.8 | -47.2 | 291.6 | 30.9 | 28.8 | -11.4 | 310.9 | 311.3 | 0.1 | 7.9 | 19.7 | 112. |
| 22.8 | 54.9 | 6417.0 | 450.0 | -24.9 | -48.4 | 297.9 | 29.5 | 26.1 | -13.6 | 311.9 | 312.3 | 0.1 | 9.1 | 22.1 | 112. |
| 24.2 | 57.6 | 6829.0 | 425.0 | -28.4 | -53.1 | 298.4 | 31.3 | 27.5 | -14.9 | 312.6 | 312.8 | 0.1 | 7.2 | 24.8 | 113. |
| 25.7 | 61.3 | 7241.1 | 400.0 | -31.8 | -54.6 | 301.8 | 33.4 | 28.4 | -17.6 | 313.5 | 313.7 | 0.1 | 8.4 | 27.6 | 114. |
| 27.3 | 64.5 | 7714.2 | 375.0 | -35.4 | -55.9 | 302.9 | 33.3 | 28.0 | -18.1 | 314.6 | 314.8 | 0.0 | 10.2 | 30.9 | 115. |
| 29.0 | 67.9 | 8190.5 | 350.0 | -39.5 | -59.9 | 303.7 | 33.1 | 27.5 | -18.4 | 315.5 | 315.9 | 99.9 | 99.9 | 34.3 | 115. |
| 30.8 | 71.5 | 8693.0 | 325.0 | -43.9 | -59.9 | 306.1 | 34.0 | 27.5 | -20.0 | 316.2 | 316.2 | 99.9 | 99.9 | 37.9 | 116. |
| 32.9 | 75.5 | 9225.2 | 300.0 | -48.2 | -59.9 | 294.5 | 26.8 | 24.4 | -11.1 | 317.5 | 317.5 | 99.9 | 99.9 | 41.6 | 117. |
| 35.1 | 79.9 | 9793.6 | 275.0 | -51.9 | -59.9 | 283.9 | 29.1 | 28.3 | -7.0 | 320.1 | 320.1 | 99.9 | 99.9 | 44.9 | 116. |
| 37.7 | 84.2 | 10405.9 | 250.0 | -54.9 | -59.9 | 270.3 | 25.9 | 25.5 | -4.7 | 324.4 | 324.4 | 99.9 | 99.9 | 49.9 | 115. |
| 40.0 | 88.9 | 11076.3 | 225.0 | -54.4 | -59.9 | 276.1 | 31.6 | 31.5 | -3.3 | 335.1 | 335.1 | 99.9 | 99.9 | 53.3 | 114. |
| 42.7 | 94.2 | 11832.1 | 200.0 | -53.6 | -59.9 | 262.2 | 22.3 | 22.1 | 3.0 | 347.9 | 347.9 | 99.9 | 99.9 | 58.7 | 112. |
| 45.6 | 99.9 | 12685.6 | 175.0 | -55.6 | -59.9 | 254.1 | 24.9 | 24.5 | 4.7 | 358.1 | 358.1 | 99.9 | 99.9 | 60.4 | 110. |
| 49.3 | 106.0 | 13664.9 | 150.0 | -57.5 | -59.9 | 267.6 | 23.5 | 23.5 | 3.0 | 371.0 | 371.0 | 99.9 | 99.9 | 66.2 | 108. |
| 53.4 | 113.3 | 14804.6 | 125.0 | -60.9 | -59.9 | 277.1 | 30.2 | 29.9 | -3.7 | 384.8 | 384.8 | 99.9 | 99.9 | 72.2 | 106. |
| 58.1 | 121.7 | 16189.4 | 100.0 | -61.1 | -59.9 | 267.2 | 25.8 | 25.9 | 1.3 | 404.7 | 404.7 | 99.9 | 99.9 | 79.3 | 104. |
| 64.5 | 132.0 | 18003.7 | 75.0 | -56.7 | -59.9 | 273.3 | 14.0 | 13.9 | -8.8 | 454.1 | 454.1 | 99.9 | 99.9 | 89.6 | 104. |
| 72.5 | 143.0 | 20362.2 | 50.0 | -58.0 | -59.9 | 242.7 | 5.5 | 4.9 | 2.5 | 506.8 | 506.8 | 99.9 | 99.9 | 91.5 | 102. |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 606
PORTLAND, ME

25 APRIL 1975
515 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTG GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.6 | 20.0 | 1007.7 | 6.1 | 6.1 | 360.0 | 2.6 | 0.0 | -2.6 | 279.4 | 294.3 | 5.9 | 100.0 | 0.0 | 0. |
| 0.2 | 6.1 | 83.1 | 1000.0 | 6.6 | 6.3 | 999.9 | 99.9 | 99.9 | 99.9 | 280.5 | 295.7 | 6.0 | 98.2 | 999.9 | 999.9 |
| 0.4 | 8.3 | 290.8 | 975.0 | 5.6 | 5.6 | 999.9 | 99.9 | 99.9 | 99.9 | 280.5 | 295.7 | 5.9 | 101.3 | 999.9 | 999.9 |
| 1.7 | 10.5 | 504.4 | 950.0 | 8.0 | 8.0 | 999.9 | 99.9 | 99.9 | 99.9 | 280.5 | 304.7 | 7.2 | 101.6 | 999.9 | 999.9 |
| 2.5 | 12.5 | 725.4 | 925.0 | 10.6 | 10.6 | 259.1 | 10.3 | 10.1 | 1.9 | 291.2 | 313.9 | 8.7 | 101.9 | 999.9 | 999.9 |
| 3.3 | 15.3 | 954.6 | 900.0 | 9.3 | 9.3 | 259.1 | 9.2 | 9.2 | 0.1 | 292.2 | 313.8 | 8.2 | 101.8 | 1.1 | 94. |
| 4.2 | 17.2 | 1189.7 | 875.0 | 8.5 | 8.5 | 269.6 | 10.0 | 9.5 | -3.4 | 293.6 | 314.8 | 8.0 | 101.4 | 1.6 | 96. |
| 5.0 | 19.5 | 1428.4 | 850.0 | 7.3 | 6.0 | 267.4 | 10.7 | 10.2 | -3.2 | 294.7 | 313.4 | 7.0 | 91.6 | 2.1 | 100. |
| 5.8 | 21.3 | 1674.0 | 825.0 | 5.9 | 3.7 | 275.6 | 10.3 | 10.1 | -1.7 | 295.6 | 312.1 | 6.1 | 85.6 | 2.6 | 101. |
| 6.7 | 24.2 | 1925.9 | 800.0 | 4.6 | 2.8 | 267.5 | 11.2 | 11.2 | 0.5 | 296.8 | 312.8 | 5.9 | 87.9 | 3.2 | 99. |
| 7.4 | 26.5 | 2194.4 | 775.0 | 2.8 | 1.9 | 259.2 | 12.2 | 12.2 | 2.3 | 297.5 | 313.1 | 5.7 | 94.0 | 3.8 | 97. |
| 8.5 | 29.1 | 2449.4 | 750.0 | 0.8 | 0.8 | 250.6 | 12.1 | 11.4 | 4.0 | 298.2 | 313.1 | 5.4 | 99.7 | 4.5 | 93. |
| 9.4 | 31.7 | 2721.7 | 725.0 | -0.7 | -0.7 | 244.9 | 12.1 | 10.9 | 5.1 | 299.4 | 313.3 | 5.0 | 99.5 | 5.0 | 90. |
| 10.3 | 34.3 | 3000.8 | 700.0 | -3.0 | -1.2 | 242.6 | 11.7 | 10.9 | 4.3 | 299.3 | 303.0 | 1.2 | 27.5 | 5.4 | 87. |
| 11.4 | 36.9 | 3288.5 | 675.0 | -3.2 | -4.2 | 263.5 | 11.5 | 11.5 | 1.3 | 302.1 | 302.4 | 0.1 | 2.4 | 6.3 | 86. |
| 12.4 | 39.4 | 3586.7 | 650.0 | -3.7 | -5.3 | 271.4 | 12.9 | 12.9 | -0.3 | 304.8 | 304.9 | 0.0 | 1.0 | 7.1 | 86. |
| 13.4 | 42.2 | 3895.7 | 625.0 | -5.0 | -5.1 | 270.5 | 13.7 | 13.7 | -0.1 | 306.7 | 306.8 | 0.0 | 1.0 | 7.1 | 87. |
| 14.4 | 45.1 | 4215.1 | 600.0 | -7.3 | -5.6 | 269.2 | 13.7 | 13.7 | 0.2 | 307.6 | 307.8 | 0.0 | 1.0 | 9.7 | 87. |
| 15.5 | 48.0 | 4544.7 | 575.0 | -10.0 | -5.2 | 267.8 | 13.4 | 13.4 | 0.5 | 308.3 | 308.4 | 0.0 | 1.0 | 9.7 | 87. |
| 16.7 | 50.3 | 4885.9 | 550.0 | -12.5 | -5.9 | 271.4 | 12.6 | 12.6 | -0.3 | 309.2 | 309.3 | 0.0 | 1.0 | 10.6 | 87. |
| 18.1 | 54.0 | 5219.4 | 525.0 | -15.0 | -5.5 | 270.9 | 13.0 | 12.9 | -0.4 | 310.3 | 310.4 | 0.0 | 1.0 | 11.6 | 88. |
| 19.3 | 56.9 | 5606.4 | 500.0 | -18.0 | -6.1 | 265.0 | 14.5 | 14.5 | 1.3 | 311.0 | 311.1 | 0.0 | 1.0 | 12.6 | 88. |
| 20.6 | 60.3 | 5988.5 | 475.0 | -19.8 | -5.9 | 262.1 | 15.9 | 15.7 | 2.2 | 313.3 | 313.6 | 0.0 | 2.3 | 14.0 | 87. |
| 22.2 | 63.6 | 6387.8 | 450.0 | -22.6 | -6.3 | 268.1 | 17.3 | 17.3 | 0.6 | 314.8 | 314.9 | 0.0 | 1.0 | 15.3 | 87. |
| 23.5 | 66.9 | 6804.3 | 425.0 | -25.2 | -3.4 | 274.1 | 19.9 | 18.9 | -1.4 | 316.7 | 318.6 | 0.6 | 48.2 | 16.8 | 88. |
| 25.0 | 70.3 | 7243.4 | 400.0 | -26.8 | -31.7 | 262.9 | 20.8 | 20.8 | 3.4 | 320.2 | 322.5 | 0.7 | 62.7 | 19.8 | 88. |
| 26.5 | 73.9 | 7706.2 | 375.0 | -30.1 | -35.5 | 255.9 | 33.1 | 32.1 | 6.1 | 321.7 | 323.4 | 0.5 | 59.2 | 21.6 | 87. |
| 28.2 | 77.7 | 8193.8 | 350.0 | -33.7 | -38.6 | 251.9 | 33.7 | 32.0 | 10.5 | 323.3 | 324.5 | 0.3 | 54.9 | 24.4 | 85. |
| 29.9 | 81.5 | 8709.2 | 325.0 | -37.7 | -39.9 | 249.2 | 36.3 | 33.9 | 12.9 | 324.7 | 325.9 | 99.9 | 999.9 | 28.4 | 83. |
| 32.0 | 85.6 | 9255.0 | 300.0 | -42.6 | -39.9 | 252.5 | 35.5 | 33.8 | 10.7 | 325.0 | 325.9 | 99.9 | 999.9 | 32.6 | 81. |
| 34.2 | 90.0 | 9835.8 | 275.0 | -47.9 | -39.9 | 255.0 | 38.7 | 37.4 | 10.0 | 325.9 | 325.9 | 99.9 | 999.9 | 37.7 | 80. |
| 36.7 | 94.8 | 10457.8 | 250.0 | -53.3 | -39.9 | 258.2 | 41.2 | 40.3 | 8.4 | 326.9 | 326.9 | 99.9 | 999.9 | 43.7 | 80. |
| 39.3 | 99.5 | 11128.4 | 225.0 | -58.4 | -39.9 | 259.7 | 42.4 | 41.6 | 6.3 | 327.0 | 327.0 | 99.9 | 999.9 | 50.3 | 80. |
| 41.9 | 104.6 | 11858.4 | 200.0 | -64.4 | -39.9 | 265.2 | 48.8 | 48.6 | 4.1 | 330.9 | 330.9 | 99.9 | 999.9 | 57.2 | 81. |
| 44.9 | 110.4 | 12675.7 | 175.0 | -62.0 | -39.9 | 275.5 | 39.7 | 39.5 | -3.8 | 342.7 | 342.7 | 99.9 | 999.9 | 65.3 | 81. |
| 48.1 | 116.5 | 13635.2 | 150.0 | -59.9 | -39.9 | 275.0 | 20.2 | 20.2 | -1.8 | 346.9 | 346.9 | 99.9 | 999.9 | 70.6 | 82. |
| 52.7 | 123.7 | 14778.5 | 125.0 | -59.1 | -39.9 | 263.6 | 21.0 | 20.8 | 2.3 | 348.0 | 348.0 | 99.9 | 999.9 | 76.2 | 83. |
| 58.4 | 131.3 | 16182.0 | 100.0 | -55.5 | -39.9 | 292.7 | 23.3 | 21.5 | -9.0 | 420.5 | 420.5 | 99.9 | 999.9 | 83.2 | 84. |
| 66.2 | 140.0 | 18023.1 | 75.0 | -56.6 | -39.9 | 316.3 | 10.9 | 7.5 | -7.9 | 454.3 | 454.3 | 99.9 | 999.9 | 90.8 | 87. |
| 76.4 | 150.0 | 20583.2 | 50.0 | -57.4 | -39.9 | 86.9 | 2.2 | -2.2 | -0.1 | 508.2 | 508.2 | 99.9 | 999.9 | 95.6 | 88. |
| 93.0 | 159.3 | 24954.7 | 25.0 | -52.6 | -39.9 | 146.4 | 2.5 | -1.4 | 2.1 | 633.6 | 633.6 | 99.9 | 999.9 | 94.3 | 89. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 637
FLINT, MICH25 APRIL 1975
600 GMT

| TIME MIN | CNTCT | HEIGHT GEM | PRES MB | TEMP DG C | DEW PT CG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/K | RM PCT | RANGE KM | LAZ % |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|----------------|-----------|-------------|----------|
| 0.0 | 5.7 | 236.0 | 987.8 | 5.6 | 1.7 | 50.0 | 2.6 | -2.0 | -1.7 | 280.3 | 241.7 | 4.4 | 76.0 | 0.0 | 0.0 |
| 0.9 | 59.9 | 95.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 6.7 | 343.0 | 975.0 | 6.0 | 0.2 | 45.3 | 4.7 | -3.6 | -3.1 | 261.7 | 292.7 | 4.0 | 66.6 | 0.1 | 2.0 |
| 0.9 | 8.9 | 555.5 | 950.0 | 4.7 | 2.0 | 45.7 | 5.2 | -3.6 | -3.7 | 282.6 | 294.7 | 4.0 | 66.6 | 0.1 | 2.0 |
| 1.6 | 10.9 | 772.3 | 925.0 | 4.7 | 1.2 | 45.7 | 7.4 | -5.2 | -5.2 | 282.6 | 294.3 | 4.5 | 91.1 | 0.5 | 21.0 |
| 2.4 | 13.0 | 992.3 | 900.0 | 0.8 | -0.0 | 50.5 | 7.4 | -5.7 | -4.7 | 282.8 | 294.0 | 4.2 | 94.4 | 0.9 | 27.0 |
| 3.1 | 15.2 | 1219.9 | 875.0 | 1.7 | 0.2 | 72.9 | 4.0 | -3.8 | -1.2 | 286.2 | 298.0 | 4.5 | 89.7 | 1.2 | 22.0 |
| 3.9 | 17.4 | 1458.8 | 850.0 | 3.7 | -2.6 | 240.0 | 1.3 | 1.2 | 0.5 | 290.5 | 307.8 | 4.8 | 64.4 | 1.1 | 21.0 |
| 4.7 | 19.6 | 1698.2 | 825.0 | 4.9 | -7.6 | 318.1 | 3.3 | 2.4 | -2.3 | 295.1 | 301.6 | 4.6 | 39.9 | 1.1 | 21.0 |
| 5.4 | 21.8 | 1548.9 | 800.0 | 4.0 | -5.0 | 288.6 | 4.6 | 4.4 | -1.5 | 295.8 | 305.1 | 3.3 | 51.9 | 1.1 | 21.0 |
| 6.3 | 24.3 | 2206.5 | 775.0 | 2.8 | -4.7 | 279.4 | 6.4 | 6.3 | -1.1 | 297.2 | 307.1 | 3.5 | 57.8 | 1.0 | 21.0 |
| 7.1 | 26.5 | 2471.5 | 750.0 | 2.6 | -31.6 | 278.2 | 7.6 | 7.6 | -0.3 | 301.2 | 303.7 | 0.6 | 9.8 | 1.1 | 11.0 |
| 7.9 | 29.0 | 2745.2 | 725.0 | 2.1 | -24.5 | 272.1 | 9.1 | 9.1 | -0.3 | 302.9 | 305.3 | 0.7 | 13.5 | 1.4 | 11.0 |
| 8.9 | 31.6 | 3027.5 | 700.0 | 0.3 | -24.7 | 268.8 | 9.7 | 9.7 | -0.6 | 305.0 | 307.2 | 0.7 | 20.9 | 1.5 | 12.0 |
| 9.0 | 24.3 | 3317.7 | 675.0 | -1.0 | -21.2 | 273.2 | 10.0 | 10.0 | -0.6 | 305.0 | 307.2 | 0.6 | 14.3 | 2.0 | 11.0 |
| 10.8 | 30.7 | 3616.9 | 650.0 | -3.6 | -28.0 | 273.1 | 10.8 | 10.8 | -0.7 | 305.9 | 307.8 | 0.6 | 18.7 | 3.5 | 13.0 |
| 11.6 | 39.5 | 3924.5 | 625.0 | -5.8 | -28.7 | 273.5 | 10.6 | 10.6 | -0.7 | 305.9 | 307.8 | 0.6 | 22.0 | 4.1 | 13.0 |
| 12.7 | 42.1 | 4244.0 | 600.0 | -8.0 | -27.7 | 273.2 | 10.1 | 10.1 | -1.3 | 306.9 | 309.1 | 0.6 | 32.5 | 5.4 | 13.0 |
| 13.7 | 45.1 | 4573.0 | 575.0 | -10.7 | -28.2 | 273.0 | 10.3 | 10.3 | -0.5 | 307.6 | 309.7 | 0.6 | 22.1 | 5.4 | 13.0 |
| 14.7 | 48.1 | 4913.5 | 550.0 | -13.1 | -26.1 | 268.4 | 11.4 | 11.4 | -0.1 | 308.6 | 311.4 | 0.5 | 28.5 | 6.2 | 13.0 |
| 15.5 | 51.0 | 5266.0 | 525.0 | -15.5 | -32.3 | 270.4 | 10.9 | 10.9 | -2.5 | 310.2 | 311.8 | 0.5 | 50.3 | 7.7 | 13.0 |
| 17.0 | 54.1 | 5632.2 | 500.0 | -18.8 | -32.6 | 283.9 | 10.2 | 9.9 | -2.0 | 310.6 | 313.1 | 0.7 | 63.1 | 8.9 | 13.0 |
| 18.2 | 57.1 | 6017.1 | 475.0 | -22.0 | -29.5 | 290.4 | 11.0 | 10.8 | -1.3 | 312.2 | 314.6 | 0.7 | 79.6 | 10.1 | 13.0 |
| 19.4 | 60.4 | 6406.1 | 450.0 | -24.7 | -20.7 | 275.5 | 12.3 | 12.3 | 1.3 | 313.3 | 315.7 | 0.7 | 91.9 | 12.1 | 13.0 |
| 20.7 | 64.0 | 6821.5 | 425.0 | -27.9 | -30.3 | 264.9 | 12.3 | 14.2 | 2.2 | 314.6 | 316.8 | 0.7 | 50.4 | 12.0 | 13.0 |
| 22.1 | 67.4 | 7258.8 | 400.0 | -31.1 | -31.9 | 263.5 | 19.1 | 19.0 | 0.2 | 319.4 | 319.1 | 0.2 | 36.8 | 14.1 | 13.0 |
| 23.7 | 71.0 | 7709.3 | 375.0 | -38.4 | -41.0 | 265.2 | 21.5 | 21.5 | 0.1 | 319.4 | 319.4 | 0.2 | 99.9 | 17.0 | 13.0 |
| 25.1 | 74.9 | 8199.8 | 350.0 | -37.2 | -46.5 | 269.5 | 20.6 | 20.6 | 0.3 | 319.8 | 319.8 | 0.2 | 99.9 | 20.5 | 13.0 |
| 26.5 | 79.2 | 8697.7 | 325.0 | -41.5 | 99.9 | 269.4 | 36.7 | 36.7 | 0.3 | 321.7 | 319.9 | 0.2 | 99.9 | 24.3 | 13.0 |
| 28.1 | 83.2 | 9214.6 | 300.0 | -46.5 | 99.9 | 269.5 | 41.6 | 41.6 | 4.6 | 333.1 | 319.9 | 0.2 | 99.9 | 32.9 | 13.0 |
| 30.1 | 87.6 | 9896.8 | 275.0 | -50.8 | 99.9 | 270.1 | 52.5 | 52.5 | 3.1 | 328.4 | 319.9 | 0.2 | 99.9 | 41.3 | 13.0 |
| 32.1 | 92.4 | 10423.1 | 250.0 | -52.3 | 99.9 | 264.7 | 53.8 | 53.8 | 3.2 | 338.4 | 319.9 | 0.2 | 99.9 | 49.2 | 13.0 |
| 34.5 | 97.5 | 11093.6 | 225.0 | -55.7 | 99.9 | 265.1 | 58.0 | 47.9 | 4.6 | 333.1 | 319.9 | 0.2 | 99.9 | 57.1 | 13.0 |
| 36.6 | 103.0 | 11845.0 | 200.0 | -59.6 | 99.9 | 266.5 | 58.7 | 52.6 | 3.2 | 338.4 | 319.9 | 0.2 | 99.9 | 63.1 | 13.0 |
| 39.6 | 109.3 | 12681.8 | 175.0 | -58.1 | 99.9 | 272.4 | 38.2 | 32.1 | -1.3 | 354.1 | 319.9 | 0.2 | 99.9 | 70.2 | 13.0 |
| 43.2 | 115.8 | 13652.8 | 150.0 | -58.1 | 99.9 | 265.5 | 26.8 | 24.7 | 2.1 | 370.1 | 319.9 | 0.2 | 99.9 | 76.8 | 13.0 |
| 47.4 | 123.7 | 14806.0 | 125.0 | -56.6 | 99.9 | 258.7 | 24.9 | 24.3 | 5.7 | 392.5 | 319.9 | 0.2 | 99.9 | 81.8 | 13.0 |
| 52.5 | 132.0 | 16225.3 | 100.0 | -57.0 | 99.9 | 268.9 | 20.5 | 20.5 | 0.4 | 417.6 | 319.9 | 0.2 | 99.9 | 86.4 | 13.0 |
| 58.1 | 141.5 | 18030.0 | 75.0 | -62.1 | 99.9 | 244.7 | 11.1 | 10.1 | 4.8 | 442.7 | 319.9 | 0.2 | 99.9 | 93.4 | 13.0 |
| 64.2 | 152.0 | 20572.6 | 50.0 | -58.0 | 99.9 | 219.9 | 3.5 | -1.3 | -3.2 | 508.8 | 319.9 | 0.2 | 99.9 | 99.9 | 13.0 |
| 81.6 | 163.0 | 24955.8 | 25.0 | -51.7 | 99.9 | 786.2 | 1.9 | -1.8 | -0.5 | 636.2 | 319.9 | 0.2 | 99.9 | 99.9 | 13.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 645
GREEN BAY, WIS

25 APRIL 1975
515 GMT

| TIME MIN | CNTCT | HEIGHT GM | PRES MB | TEMP CG C | DEW PT CG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|--------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.9 | 210.0 | 991.5 | 3.3 | 2.4 | 80.0 | 2.1 | -2.1 | -0.4 | 277.7 | 289.5 | 4.6 | 94.0 | 0.0 | 0. |
| 99.9 | 99.9 | 1000.0 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 8.4 | 346.3 | 975.0 | 3.0 | 2.2 | 85.6 | 8.5 | -8.4 | -0.6 | 278.8 | 290.6 | 4.6 | 94.3 | 0.1 | 220. |
| 1.4 | 10.5 | 550.9 | 925.0 | 2.2 | 1.4 | 81.1 | 9.9 | -9.8 | -1.5 | 280.0 | 291.5 | 4.5 | 94.3 | 0.5 | 263. |
| 2.2 | 12.6 | 771.9 | 925.0 | 0.7 | 0.3 | 88.0 | 10.0 | -9.2 | -3.7 | 280.6 | 291.6 | 4.2 | 94.6 | 1.0 | 260. |
| 3.0 | 14.9 | 992.6 | 900.0 | 2.0 | -2.0 | 47.5 | 9.9 | -7.3 | -6.7 | 284.0 | 293.2 | 3.5 | 70.4 | 1.4 | 252. |
| 3.9 | 17.0 | 1220.6 | 875.0 | 3.2 | -9.8 | 55.7 | 5.5 | -4.6 | -3.1 | 287.4 | 293.2 | 2.1 | 37.6 | 1.8 | 246. |
| 4.7 | 19.3 | 1456.1 | 850.0 | 3.9 | -9.3 | 55.9 | 2.7 | -2.7 | -0.2 | 290.5 | 296.8 | 2.2 | 37.4 | 2.0 | 247. |
| 5.7 | 21.5 | 1658.2 | 825.0 | 2.8 | -9.2 | 56.5 | 0.4 | -0.4 | 0.0 | 291.8 | 298.4 | 2.3 | 40.8 | 2.0 | 246. |
| 6.7 | 23.9 | 1946.6 | 800.0 | 1.3 | -7.6 | 155.0 | 1.2 | -0.5 | 1.1 | 292.8 | 300.4 | 2.7 | 51.4 | 2.1 | 249. |
| 7.7 | 26.2 | 2201.5 | 775.0 | 0.5 | -25.4 | 257.8 | 0.6 | 0.6 | 0.1 | 294.4 | 296.4 | 0.6 | 12.6 | 2.1 | 250. |
| 8.6 | 28.7 | 2468.7 | 750.0 | 0.5 | -49.6 | 280.4 | 3.3 | 3.3 | -0.6 | 297.2 | 297.3 | 0.1 | 1.0 | 1.9 | 249. |
| 9.5 | 31.2 | 2735.9 | 725.0 | -0.4 | -48.9 | 293.6 | 4.6 | 4.2 | -1.8 | 299.0 | 299.2 | 0.1 | 1.2 | 1.8 | 244. |
| 10.6 | 33.9 | 3015.3 | 700.0 | -2.0 | -43.0 | 298.2 | 7.2 | 6.3 | -3.4 | 300.3 | 300.7 | 0.1 | 2.5 | 1.6 | 233. |
| 11.7 | 36.2 | 3303.2 | 675.0 | -4.4 | -12.7 | 297.3 | 7.3 | 6.4 | -3.3 | 301.0 | 307.3 | 2.1 | 52.1 | 1.4 | 214. |
| 12.8 | 39.0 | 3595.2 | 650.0 | -6.4 | -18.3 | 295.2 | 7.7 | 7.0 | -3.3 | 301.8 | 306.1 | 1.4 | 38.2 | 1.4 | 196. |
| 14.0 | 41.6 | 3904.9 | 625.0 | -8.2 | -40.0 | 293.1 | 9.6 | 8.6 | -3.7 | 303.0 | 303.9 | 0.2 | 7.5 | 1.7 | 175. |
| 15.1 | 44.3 | 4220.7 | 600.0 | -10.1 | -50.0 | 278.9 | 8.7 | 8.6 | -1.3 | 304.4 | 304.8 | 0.1 | 3.6 | 2.0 | 158. |
| 16.4 | 47.3 | 4542.0 | 575.0 | -12.6 | -35.6 | 277.9 | 8.8 | 8.8 | -1.2 | 305.3 | 306.4 | 0.3 | 13.0 | 2.3 | 144. |
| 17.6 | 50.2 | 4865.0 | 550.0 | -14.8 | -40.2 | 281.5 | 11.1 | 10.9 | -2.2 | 306.5 | 307.2 | 0.2 | 9.3 | 3.0 | 136. |
| 19.0 | 53.1 | 5235.5 | 525.0 | -16.9 | -39.1 | 276.5 | 10.8 | 10.7 | -1.3 | 308.1 | 309.0 | 0.2 | 12.5 | 3.8 | 126. |
| 20.3 | 56.0 | 5595.3 | 500.0 | -20.0 | -31.0 | 271.8 | 9.7 | 9.7 | -0.3 | 308.7 | 310.6 | 0.6 | 36.5 | 4.4 | 120. |
| 21.8 | 58.3 | 5977.3 | 475.0 | -23.3 | -32.9 | 279.4 | 12.9 | 12.7 | -2.1 | 309.2 | 310.9 | 0.5 | 48.6 | 5.4 | 116. |
| 23.2 | 62.7 | 6371.0 | 450.0 | -26.1 | -39.3 | 276.6 | 13.9 | 13.8 | -1.6 | 310.4 | 311.4 | 0.3 | 27.5 | 6.5 | 113. |
| 24.6 | 65.9 | 6781.8 | 425.0 | -29.0 | -44.3 | 272.1 | 15.9 | 15.9 | -0.6 | 311.7 | 312.4 | 0.2 | 21.1 | 7.7 | 110. |
| 26.1 | 69.4 | 7212.5 | 400.0 | -32.4 | -53.4 | 2 4.0 | 17.8 | 17.7 | 1.9 | 312.8 | 313.1 | 0.1 | 10.2 | 9.1 | 107. |
| 27.6 | 72.9 | 7664.2 | 375.0 | -36.0 | -54.8 | 262.0 | 17.3 | 17.1 | 2.4 | 313.9 | 314.1 | 0.1 | 12.2 | 10.6 | 103. |
| 29.1 | 76.9 | 8138.3 | 350.0 | -40.0 | 99.9 | 257.3 | 20.2 | 19.7 | 4.4 | 314.7 | 999.9 | 99.9 | 999.9 | 12.1 | 100. |
| 30.9 | 80.6 | 8641.1 | 325.0 | -44.4 | 99.9 | 253.4 | 23.9 | 23.0 | 6.8 | 315.6 | 999.9 | 99.9 | 999.9 | 14.3 | 96. |
| 32.9 | 84.8 | 9178.0 | 300.0 | -48.8 | 99.9 | 250.9 | 28.2 | 26.7 | 9.2 | 316.6 | 999.9 | 99.9 | 999.9 | 17.2 | 92. |
| 35.1 | 89.0 | 9738.3 | 275.0 | -53.0 | 99.9 | 251.1 | 30.2 | 28.6 | 9.8 | 318.4 | 999.9 | 99.9 | 999.9 | 20.9 | 88. |
| 37.6 | 93.8 | 10348.6 | 250.0 | -57.3 | 99.9 | 247.4 | 31.1 | 28.7 | 11.9 | 320.9 | 999.9 | 99.9 | 999.9 | 25.3 | 85. |
| 40.0 | 98.6 | 11015.8 | 225.0 | -55.9 | 99.9 | 247.5 | 37.9 | 35.0 | 14.5 | 332.8 | 999.9 | 99.9 | 999.9 | 30.2 | 81. |
| 42.7 | 103.8 | 11765.4 | 200.0 | -53.5 | 99.9 | 256.7 | 35.7 | 34.7 | 8.2 | 348.0 | 999.9 | 99.9 | 999.9 | 36.4 | 80. |
| 45.8 | 109.5 | 12623.6 | 175.0 | -55.1 | 99.9 | 255.7 | 27.5 | 26.7 | 6.8 | 359.0 | 999.9 | 99.9 | 999.9 | 41.7 | 80. |
| 49.4 | 115.5 | 13607.1 | 150.0 | -55.5 | 99.9 | 252.7 | 30.7 | 29.3 | 9.1 | 374.5 | 999.9 | 99.9 | 999.9 | 47.4 | 79. |
| 53.6 | 122.3 | 14768.5 | 125.0 | -57.1 | 99.9 | 258.6 | 23.8 | 23.8 | 0.6 | 391.6 | 999.9 | 99.9 | 999.9 | 53.8 | 79. |
| 58.9 | 130.3 | 16178.2 | 100.0 | -54.0 | 99.9 | 253.6 | 19.8 | 19.3 | -4.7 | 423.5 | 999.9 | 99.9 | 999.9 | 60.5 | 80. |
| 65.3 | 137.8 | 18013.3 | 75.0 | -56.9 | 99.9 | 246.6 | 10.6 | 7.5 | 7.6 | 453.8 | 999.9 | 99.9 | 999.9 | 64.8 | 80. |
| 74.3 | 146.0 | 20580.5 | 50.0 | -55.7 | 99.9 | 253.7 | 4.0 | 3.6 | -1.6 | 512.1 | 999.9 | 99.9 | 999.9 | 68.9 | 79. |
| 89.3 | 154.5 | 25923.1 | 25.0 | -53.6 | 99.9 | 67.2 | 2.5 | -2.3 | -0.9 | 633.5 | 999.9 | 99.9 | 999.9 | 68.4 | 79. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY TEMP MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 654
MURON. S D25 APRIL 1975
515 GMT

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DG C | CEM PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD GM/KG | PH PCT | RANGE KN | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-----------|
| 0.0 | 8.8 | 392.0 | 966.5 | 7.2 | 5.5 | 360.0 | 0.0 | 0.0 | 0.0 | 283.9 | 299.0 | 5.9 | 89.0 | 124 | 98.0 |
| 90.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0.0 |
| 99.9 | 59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0.0 |
| 0.5 | 10.1 | 538.5 | 950.0 | 8.0 | 7.4 | 107.4 | 8.4 | -8.0 | 2.5 | 286.2 | 303.9 | 6.8 | 95.5 | 99.9 | 0.2 218. |
| 1.2 | 12.1 | 754.5 | 925.0 | 6.8 | 6.2 | 110.7 | 9.0 | -8.4 | 3.2 | 287.1 | 303.9 | 6.4 | 95.7 | 99.9 | 0.5 271. |
| 1.9 | 14.2 | 980.5 | 900.0 | 7.4 | 4.2 | 109.3 | 7.5 | -7.0 | 2.5 | 289.9 | 305.1 | 5.7 | 79.9 | 99.9 | 0.8 280. |
| 2.7 | 16.1 | 1212.4 | 875.0 | 6.3 | 4.1 | 91.9 | 6.0 | -6.0 | 0.2 | 291.1 | 306.8 | 5.9 | 85.5 | 99.9 | 1.2 281. |
| 3.4 | 18.1 | 1450.0 | 850.0 | 4.7 | 4.0 | 58.5 | 5.8 | -4.9 | -3.0 | 291.9 | 307.9 | 6.0 | 94.7 | 99.9 | 1.4 278. |
| 4.3 | 20.5 | 1653.5 | 825.0 | 3.6 | 1.3 | 43.9 | 6.0 | -4.2 | -4.3 | 293.1 | 306.9 | 5.1 | 84.7 | 99.9 | 1.6 267. |
| 5.1 | 22.6 | 1942.7 | 800.0 | 2.3 | -2.4 | 24.3 | 2.9 | -1.2 | -2.6 | 294.2 | 305.3 | 4.0 | 71.2 | 99.9 | 1.8 262. |
| 6.3 | 25.0 | 2190.6 | 775.0 | 2.5 | -10.8 | 318.8 | 3.5 | 2.3 | -2.6 | 296.8 | 303.0 | 2.2 | 36.5 | 99.9 | 1.7 259. |
| 7.8 | 27.1 | 2464.5 | 750.0 | 1.6 | -13.2 | 319.1 | 5.1 | 3.3 | -3.8 | 298.5 | 304.0 | 1.8 | 32.3 | 99.9 | 1.7 254. |
| 8.7 | 29.5 | 2737.0 | 725.0 | 0.4 | -20.0 | 319.0 | 7.7 | 5.6 | -5.3 | 300.0 | 303.3 | 1.1 | 19.9 | 99.9 | 1.5 239. |
| 9.7 | 32.0 | 3017.3 | 700.0 | -1.0 | -32.3 | 309.3 | 9.1 | 7.1 | -5.8 | 301.4 | 302.5 | 0.4 | 7.1 | 99.9 | 1.5 221. |
| 10.7 | 34.5 | 3304.2 | 675.0 | -3.4 | -36.4 | 309.4 | 10.3 | 7.9 | -6.5 | 301.9 | 302.7 | 0.2 | 5.6 | 99.9 | 1.5 178. |
| 11.7 | 36.9 | 3603.5 | 650.0 | -5.1 | -39.1 | 313.9 | 11.0 | 6.0 | -7.7 | 303.2 | 304.4 | 0.4 | 9.1 | 99.9 | 1.9 181. |
| 12.8 | 39.6 | 3910.3 | 625.0 | -7.9 | -37.3 | 321.3 | 12.1 | 7.6 | -9.5 | 304.8 | 305.8 | 0.3 | 8.3 | 99.9 | 2.4 163. |
| 14.1 | 42.0 | 4228.2 | 600.0 | -10.1 | -30.0 | 332.6 | 13.8 | 6.4 | -12.3 | 308.2 | 310.0 | 0.5 | 18.0 | 99.9 | 3.2 163. |
| 15.3 | 47.8 | 4557.6 | 575.0 | -13.0 | -26.2 | 326.2 | 15.0 | 8.5 | -13.6 | 308.7 | 309.7 | 0.3 | 11.9 | 99.9 | 4.2 181. |
| 16.6 | 50.5 | 4858.2 | 550.0 | -16.0 | -20.0 | 326.1 | 17.7 | 9.9 | -14.7 | 309.2 | 309.9 | 0.2 | 10.6 | 99.9 | 5.3 152. |
| 17.8 | 53.5 | 5250.8 | 525.0 | -19.2 | -11.0 | 320.7 | 19.0 | 12.0 | -14.7 | 309.6 | 310.3 | 0.2 | 12.4 | 99.9 | 8.0 134. |
| 19.1 | 56.4 | 5616.0 | 500.0 | -22.6 | -43.3 | 317.1 | 19.3 | 13.2 | -14.2 | 310.0 | 310.6 | 0.2 | 13.0 | 99.9 | 9.4 152. |
| 20.5 | 59.8 | 5955.0 | 475.0 | -26.2 | -47.1 | 316.5 | 19.4 | 13.9 | -13.6 | 312.3 | 310.7 | 0.1 | 11.8 | 99.9 | 11.0 149. |
| 21.9 | 63.1 | 6323.7 | 450.0 | -28.6 | -53.3 | 326.7 | 20.9 | 11.5 | -17.5 | 312.3 | 312.6 | 0.1 | 7.1 | 99.9 | 12.6 148. |
| 23.4 | 66.4 | 6799.8 | 425.0 | -31.7 | -57.4 | 326.3 | 23.7 | 13.2 | -19.7 | 313.7 | 313.9 | 0.0 | 5.5 | 99.9 | 14.7 148. |
| 25.0 | 70.0 | 7231.5 | 400.0 | -35.2 | -60.0 | 328.3 | 25.6 | 14.9 | -20.9 | 314.9 | 315.0 | 0.0 | 5.9 | 99.9 | 16.9 148. |
| 26.7 | 73.7 | 7684.3 | 375.0 | -38.3 | -67.7 | 323.1 | 27.8 | 16.7 | -22.3 | 315.7 | 315.8 | 0.0 | 8.1 | 99.9 | 19.6 147. |
| 28.6 | 77.7 | 8164.1 | 350.0 | -43.7 | -59.9 | 325.7 | 30.2 | 17.0 | -25.0 | 316.5 | 316.9 | 99.9 | 99.9 | 99.9 | 23.0 147. |
| 30.6 | 81.8 | 8644.0 | 325.0 | -47.6 | 93.9 | 321.0 | 30.0 | 18.9 | -23.3 | 318.2 | 319.2 | 99.9 | 99.9 | 99.9 | 26.5 147. |
| 32.4 | 86.0 | 9190.9 | 300.0 | -52.5 | 99.9 | 315.1 | 27.0 | 19.1 | -19.1 | 319.2 | 319.9 | 99.9 | 99.9 | 99.9 | 29.8 148. |
| 34.7 | 90.8 | 9765.1 | 275.0 | -55.3 | 99.9 | 314.0 | 31.9 | 22.9 | -22.1 | 323.8 | 323.9 | 99.9 | 99.9 | 99.9 | 34.3 148. |
| 37.3 | 95.9 | 10379.1 | 250.0 | -58.2 | 99.9 | 308.8 | 23.5 | 18.4 | -14.6 | 329.4 | 329.4 | 99.9 | 99.9 | 99.9 | 38.2 143. |
| 40.2 | 101.3 | 11045.5 | 225.0 | -55.2 | 99.9 | 308.4 | 23.5 | 20.2 | -0.0 | 335.3 | 335.3 | 99.9 | 99.9 | 99.9 | 42.2 141. |
| 43.0 | 107.5 | 11789.1 | 200.0 | -55.9 | 99.9 | 270.1 | 20.2 | 21.1 | -1.2 | 337.7 | 337.7 | 99.9 | 99.9 | 99.9 | 45.4 138. |
| 46.6 | 114.0 | 12641.5 | 175.0 | -54.9 | 99.9 | 273.2 | 21.1 | 21.1 | -1.2 | 339.5 | 339.5 | 99.9 | 99.9 | 99.9 | 48.9 135. |
| 50.9 | 121.7 | 13621.6 | 150.0 | -55.8 | 99.9 | 278.7 | 19.6 | 19.4 | -3.0 | 344.0 | 344.0 | 99.9 | 99.9 | 99.9 | 53.1 131. |
| 55.9 | 130.3 | 14792.3 | 125.0 | -57.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 416.3 | 416.3 | 99.9 | 99.9 | 99.9 | 99.9 99.9 |
| 99.9 | 99.9 | 16192.6 | 100.0 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 655
ST CLOUD, MINN

25 APRIL 1975
515 GMT

190 11. 0

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR CG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT Y DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.0 | 316.0 | 979.3 | 6.3 | 4.8 | 70.0 | 9.1 | -3.9 | -1.4 | 281.8 | 296.0 | 5.5 | 90.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 7.4 | 352.3 | 975.0 | 6.3 | 4.7 | 86.4 | 5.7 | -5.7 | -0.4 | 282.4 | 296.5 | 5.5 | 88.2 | 0.1 | 324. |
| 1.0 | 9.7 | 565.8 | 950.0 | 6.2 | 2.9 | 103.9 | 9.2 | -9.0 | 2.2 | 284.2 | 297.1 | 5.0 | 78.0 | 0.4 | 274. |
| 1.8 | 11.9 | 788.2 | 925.0 | 5.4 | 2.6 | 116.2 | 8.0 | -7.2 | 3.5 | 285.4 | 298.6 | 5.0 | 82.4 | 0.9 | 282. |
| 2.7 | 14.3 | 1008.0 | 900.0 | 4.0 | 2.7 | 140.7 | 5.7 | -3.6 | 4.4 | 286.3 | 299.9 | 5.2 | 90.8 | 1.2 | 288. |
| 3.6 | 16.5 | 1237.0 | 875.0 | 2.8 | 2.3 | 146.5 | 5.3 | -2.9 | 4.5 | 287.3 | 301.0 | 5.2 | 98.6 | 1.5 | 297. |
| 4.4 | 19.0 | 1471.3 | 850.0 | 1.1 | 0.6 | 125.5 | 4.9 | -4.0 | 2.8 | 287.9 | 303.5 | 4.7 | 96.3 | 1.7 | 299. |
| 5.3 | 21.3 | 1711.4 | 825.0 | 0.4 | 0.1 | 134.8 | 5.3 | -3.8 | 3.7 | 289.6 | 302.1 | 4.7 | 97.7 | 2.0 | 300. |
| 6.3 | 23.9 | 1958.1 | 800.0 | -0.6 | -0.9 | 177.7 | 3.2 | -0.1 | 3.1 | 291.1 | 303.2 | 4.5 | 97.8 | 2.2 | 303. |
| 7.2 | 26.2 | 2211.9 | 775.0 | -1.5 | -1.6 | 265.1 | 2.7 | 2.7 | 0.2 | 292.8 | 304.8 | 4.4 | 98.7 | 2.2 | 307. |
| 8.2 | 29.0 | 2472.4 | 750.0 | -2.5 | -3.7 | 269.7 | 4.6 | 4.6 | 0.0 | 293.3 | 304.0 | 3.9 | 98.4 | 2.0 | 310. |
| 9.3 | 31.7 | 2740.3 | 725.0 | -4.8 | -5.0 | 265.6 | 6.1 | 8.1 | 0.6 | 294.7 | 304.9 | 3.6 | 98.2 | 1.7 | 319. |
| 10.3 | 34.4 | 3015.8 | 700.0 | -6.5 | -7.1 | 261.2 | 9.5 | 9.4 | 1.5 | 295.6 | 304.7 | 3.2 | 98.9 | 1.5 | 337. |
| 11.3 | 37.0 | 3290.4 | 675.0 | -8.0 | -10.3 | 256.1 | 9.3 | 9.1 | 1.9 | 297.0 | 304.4 | 2.6 | 83.1 | 1.5 | 0. |
| 12.4 | 39.9 | 3551.5 | 650.0 | -10.2 | -19.7 | 262.4 | 7.9 | 7.4 | 1.0 | 297.6 | 301.3 | 1.2 | 45.6 | 1.7 | 19. |
| 13.5 | 42.6 | 3832.4 | 625.0 | -11.2 | -15.8 | 263.6 | 6.5 | 6.5 | 0.7 | 299.9 | 305.2 | 1.8 | 65.5 | 2.0 | 33. |
| 14.7 | 45.6 | 4206.0 | 600.0 | -12.5 | -21.6 | 278.0 | 4.4 | 4.4 | -0.6 | 301.7 | 305.2 | 1.1 | 48.5 | 2.2 | 41. |
| 15.9 | 48.6 | 4525.9 | 575.0 | -14.5 | -24.1 | 312.1 | 3.6 | 2.7 | -2.4 | 303.1 | 306.1 | 0.9 | 43.7 | 2.3 | 48. |
| 17.2 | 51.6 | 4865.1 | 550.0 | -17.3 | -23.5 | 111.1 | 3.4 | 2.6 | -2.2 | 303.7 | 306.9 | 1.0 | 58.5 | 2.3 | 55. |
| 18.5 | 54.9 | 5212.4 | 525.0 | -19.3 | -24.9 | 267.8 | 3.9 | 3.9 | 0.2 | 305.3 | 308.4 | 1.0 | 61.0 | 2.4 | 60. |
| 19.7 | 58.0 | 5573.8 | 500.0 | -21.4 | -29.3 | 267.7 | 4.6 | 4.6 | 0.2 | 307.0 | 309.2 | 0.7 | 48.5 | 2.7 | 62. |
| 21.1 | 61.4 | 5956.3 | 475.0 | -24.4 | -32.0 | 270.1 | 5.2 | 5.2 | -0.0 | 307.8 | 309.5 | 0.5 | 49.2 | 3.1 | 66. |
| 22.5 | 65.0 | 6341.7 | 450.0 | -27.7 | -35.7 | 266.0 | 6.8 | 6.8 | 0.5 | 308.4 | 309.7 | 0.4 | 46.1 | 3.6 | 68. |
| 24.0 | 68.4 | 6750.1 | 425.0 | -31.2 | -36.9 | 262.4 | 6.1 | 6.0 | 0.8 | 309.0 | 310.3 | 0.4 | 56.6 | 4.1 | 71. |
| 25.5 | 72.3 | 7176.4 | 400.0 | -35.1 | -39.7 | 254.3 | 4.1 | 4.0 | 1.1 | 309.3 | 310.3 | 0.3 | 61.4 | 4.6 | 72. |
| 27.1 | 76.0 | 7627.1 | 375.0 | -38.9 | -43.6 | 221.4 | 3.9 | 2.6 | 2.9 | 310.1 | 310.8 | 0.2 | 60.1 | 5.0 | 71. |
| 28.7 | 80.0 | 8092.4 | 350.0 | -43.0 | 99.9 | 191.0 | 3.1 | 0.6 | 3.0 | 310.8 | 999.9 | 99.9 | 99.9 | 5.2 | 68. |
| 30.5 | 84.2 | 8586.5 | 325.0 | -47.9 | 99.9 | 156.9 | 5.0 | 1.5 | 4.8 | 310.7 | 999.9 | 99.9 | 99.9 | 7.4 | 65. |
| 32.3 | 88.4 | 9111.9 | 300.0 | -50.3 | 99.9 | 210.2 | 6.9 | 3.5 | 6.0 | 314.5 | 999.9 | 99.9 | 99.9 | 6.0 | 60. |
| 34.3 | 93.0 | 9677.2 | 275.0 | -52.4 | 99.9 | 246.4 | 8.0 | 7.3 | 3.2 | 319.3 | 999.9 | 99.9 | 99.9 | 6.8 | 60. |
| 36.5 | 98.0 | 10289.1 | 250.0 | -53.0 | 99.9 | 253.2 | 12.7 | 12.7 | 1.1 | 327.2 | 999.9 | 99.9 | 99.9 | 8.0 | 62. |
| 38.7 | 103.0 | 10964.3 | 225.0 | -54.8 | 99.9 | 288.3 | 14.2 | 14.2 | 0.4 | 334.6 | 999.9 | 99.9 | 99.9 | 9.6 | 66. |
| 41.5 | 108.8 | 11717.3 | 207.0 | -55.0 | 99.9 | 278.6 | 16.3 | 16.1 | -2.4 | 345.7 | 999.9 | 99.9 | 99.9 | 12.1 | 72. |
| 44.5 | 114.8 | 12571.4 | 175.0 | -54.6 | 99.9 | 264.0 | 19.3 | 19.1 | 2.0 | 359.8 | 999.9 | 99.9 | 99.9 | 15.3 | 75. |
| 48.3 | 121.3 | 13555.7 | 150.0 | -55.4 | 99.9 | 264.2 | 22.0 | 21.9 | 2.2 | 374.6 | 999.9 | 99.9 | 99.9 | 19.4 | 78. |
| 52.0 | 128.3 | 14718.0 | 125.0 | -56.1 | 99.9 | 266.1 | 17.6 | 17.5 | 1.2 | 393.4 | 999.9 | 99.9 | 99.9 | 24.2 | 80. |
| 56.8 | 136.0 | 16134.5 | 100.0 | -55.9 | 99.9 | 272.1 | 18.4 | 18.4 | -0.7 | 419.7 | 999.9 | 99.9 | 99.9 | 29.2 | 80. |
| 62.4 | 143.3 | 17563.4 | 75.0 | -55.6 | 99.9 | 258.8 | 3.5 | 3.4 | 0.7 | 456.4 | 999.9 | 99.9 | 99.9 | 33.2 | 92. |
| 71.4 | 151.3 | 20540.6 | 50.0 | -55.7 | 99.9 | 274.3 | 3.2 | 3.2 | -0.1 | 512.3 | 999.9 | 99.9 | 99.9 | 33.3 | 82. |
| 85.8 | 155.7 | 25003.3 | 25.0 | -52.8 | 99.9 | 339.4 | 4.9 | 1.7 | -4.6 | 633.3 | 999.9 | 99.9 | 99.9 | 34.1 | 86. |

ORIGINAL PAGE IS
OF POOR QUALITY

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 662
RAPID CITY, S D25 APRIL 1975
515 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT Y DG K | E POT T DG K | MX RTO GN/KG | RH PCT | RANGE AZ KN | DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|----------------|------|
| 0.0 | 14.2 | 966.0 | 902.1 | 4.4 | 2.3 | 200.0 | 1.5 | 0.5 | 1.4 | 286.5 | 299.7 | 5.0 | 86.0 | 0.0 | 0 |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 9.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 9.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 9.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 14.4 | 965.2 | 900.0 | 4.9 | 2.4 | 999.9 | 99.9 | 99.9 | 99.9 | 287.2 | 300.6 | 5.1 | 84.0 | 999.9 | 99.9 |
| 0.8 | 16.4 | 1216.5 | 875.0 | 6.4 | 4.3 | 999.9 | 99.9 | 99.9 | 99.9 | 291.2 | 307.1 | 6.0 | 86.3 | 999.9 | 99.9 |
| 1.6 | 18.4 | 1454.4 | 850.0 | 5.8 | 0.3 | 999.9 | 99.9 | 99.9 | 99.9 | 292.8 | 305.4 | 4.6 | 86.0 | 999.9 | 99.9 |
| 2.4 | 20.3 | 1699.1 | 825.0 | 5.6 | -1.3 | 156.9 | 2.7 | -1.1 | 2.5 | 295.0 | 305.5 | 4.1 | 60.0 | 0.7 | 307 |
| 3.2 | 23.1 | 1950.2 | 800.0 | 4.2 | -0.9 | 184.1 | 5.5 | 0.4 | 5.5 | 296.2 | 309.6 | 4.5 | 65.8 | 0.3 | 317 |
| 4.0 | 25.3 | 2208.4 | 775.0 | 4.0 | -4.5 | 205.4 | 7.7 | 3.3 | 7.0 | 298.6 | 308.7 | 3.6 | 55.0 | 1.1 | 312 |
| 4.9 | 27.7 | 2475.1 | 750.0 | 4.5 | -12.6 | 250.4 | 11.2 | 10.6 | 3.6 | 301.7 | 307.5 | 2.0 | 28.2 | 1.2 | 353 |
| 5.6 | 30.1 | 2731.2 | 725.0 | 4.3 | -18.4 | 253.2 | 12.9 | 12.3 | 3.7 | 304.4 | 308.2 | 1.2 | 17.3 | 1.5 | 22 |
| 6.9 | 32.6 | 3075.5 | 700.0 | 2.0 | -23.7 | 240.8 | 11.3 | 9.8 | 5.5 | 304.8 | 307.4 | 0.6 | 12.7 | 2.1 | 14 |
| 7.9 | 35.3 | 3327.8 | 675.0 | 0.2 | -25.1 | 244.5 | 11.5 | 10.3 | 4.9 | 305.9 | 308.3 | 0.7 | 12.8 | 2.7 | 42 |
| 8.9 | 37.7 | 3629.1 | 650.0 | -1.8 | -26.5 | 247.6 | 11.8 | 10.9 | 4.5 | 307.0 | 309.2 | 0.7 | 13.0 | 3.4 | 47 |
| 9.8 | 40.1 | 3939.5 | 625.0 | -4.6 | -28.6 | 250.5 | 11.4 | 10.7 | 3.9 | 307.2 | 309.1 | 0.6 | 13.3 | 4.2 | 50 |
| 10.9 | 42.9 | 4250.9 | 600.0 | -7.5 | -30.7 | 252.5 | 11.4 | 10.9 | 3.4 | 307.4 | 309.0 | 0.5 | 13.5 | 4.9 | 54 |
| 11.7 | 45.7 | 4565.3 | 575.0 | -10.6 | -33.0 | 252.2 | 11.3 | 10.8 | 3.5 | 307.6 | 309.9 | 0.4 | 13.8 | 5.2 | 56 |
| 12.8 | 48.6 | 4878.0 | 550.0 | -13.9 | -35.4 | 257.4 | 11.1 | 10.8 | 2.4 | 307.6 | 309.8 | 0.3 | 14.1 | 5.3 | 58 |
| 13.9 | 51.4 | 5275.6 | 525.0 | -16.7 | -37.6 | 260.8 | 10.4 | 10.3 | 1.7 | 308.3 | 309.3 | 0.3 | 14.4 | 6.6 | 60 |
| 15.2 | 54.4 | 5644.1 | 500.0 | -19.4 | -39.6 | 261.2 | 11.8 | 11.7 | 1.8 | 309.4 | 310.2 | 0.2 | 14.6 | 7.4 | 63 |
| 16.6 | 57.2 | 6023.8 | 475.0 | -21.6 | -41.3 | 257.6 | 14.4 | 14.1 | 3.1 | 311.2 | 312.0 | 0.2 | 14.8 | 8.4 | 65 |
| 17.8 | 60.3 | 6420.3 | 450.0 | -24.3 | -43.4 | 254.3 | 13.0 | 12.5 | 3.5 | 312.6 | 313.2 | 0.2 | 15.1 | 9.4 | 67 |
| 19.2 | 63.6 | 6833.7 | 425.0 | -28.0 | -46.3 | 253.1 | 14.4 | 13.8 | 4.2 | 313.0 | 313.5 | 0.1 | 15.4 | 10.6 | 67 |
| 20.7 | 66.9 | 7265.1 | 400.0 | -31.1 | -41.4 | 252.9 | 14.5 | 13.9 | 4.3 | 314.6 | 315.4 | 0.2 | 15.4 | 11.8 | 67 |
| 22.2 | 70.3 | 7726.7 | 375.0 | -34.0 | -37.9 | 259.3 | 15.6 | 15.3 | 3.0 | 316.5 | 317.8 | 0.4 | 15.4 | 13.2 | 68 |
| 23.9 | 73.9 | 8190.4 | 350.0 | -38.5 | -42.3 | 263.3 | 18.2 | 18.0 | 2.1 | 316.2 | 317.7 | 0.3 | 15.4 | 14.9 | 70 |
| 24.7 | 77.7 | 8708.3 | 325.0 | -42.7 | 99.9 | 265.1 | 18.3 | 18.2 | 1.5 | 317.8 | 317.8 | 99.9 | 99.9 | 16.3 | 71 |
| 27.4 | 81.5 | 9239.7 | 300.0 | -47.1 | 99.9 | 271.8 | 20.7 | 20.6 | -0.7 | 319.0 | 319.0 | 99.9 | 99.9 | 18.7 | 73 |
| 29.4 | 85.7 | 9809.1 | 275.0 | -52.2 | 99.9 | 271.2 | 22.2 | 22.1 | -0.5 | 319.6 | 319.6 | 99.9 | 99.9 | 21.0 | 75 |
| 31.0 | 90.2 | 10418.5 | 250.0 | -57.3 | 99.9 | 269.0 | 26.4 | 26.4 | 0.5 | 320.9 | 320.9 | 99.9 | 99.9 | 23.2 | 77 |
| 33.0 | 95.0 | 11081.7 | 225.0 | -61.9 | 99.9 | 271.3 | 35.9 | 35.8 | -1.2 | 326.2 | 326.2 | 99.9 | 99.9 | 26.8 | 79 |
| 35.4 | 100.0 | 11813.9 | 200.0 | -61.7 | 99.9 | 287.7 | 33.9 | 33.0 | -8.0 | 335.1 | 335.1 | 99.9 | 99.9 | 32.1 | 82 |
| 37.3 | 105.3 | 12635.4 | 175.0 | -66.0 | 99.9 | 282.3 | 23.5 | 20.0 | -4.4 | 341.0 | 341.0 | 99.9 | 99.9 | 34.6 | 84 |
| 40.1 | 111.3 | 13592.9 | 150.0 | -69.3 | 99.9 | 259.6 | 20.3 | 19.9 | 3.7 | 368.0 | 368.0 | 99.9 | 99.9 | 38.0 | 86 |
| 43.5 | 118.0 | 14741.7 | 125.0 | -57.8 | 99.9 | 260.3 | 18.4 | 18.2 | 2.9 | 390.4 | 390.4 | 99.9 | 99.9 | 42.4 | 88 |
| 47.4 | 125.8 | 16144.9 | 100.0 | -58.8 | 99.9 | 258.2 | 11.8 | 11.6 | 2.4 | 414.3 | 414.3 | 99.9 | 99.9 | 45.9 | 90 |
| 53.4 | 134.7 | 17968.4 | 75.0 | -55.5 | 99.9 | 268.7 | 6.4 | 6.4 | 0.1 | 456.7 | 456.7 | 99.9 | 99.9 | 50.2 | 93 |
| 61.8 | 143.5 | 20521.2 | 50.0 | -55.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 513.1 | 513.1 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER25 APRIL 1975
525 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEV PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RM PCT | RANGE AZ KM | DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|----------------|------|
| 0.0 | 0.2 | 180.0 | 993.5 | 22.2 | 19.0 | 100.0 | 6.2 | 1.1 | 6.1 | 297.8 | 334.7 | 14.1 | 82.0 | 0.0 | 0. |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.7 | 7.9 | 343.0 | 975.0 | 19.8 | 18.0 | 197.1 | 15.8 | 4.6 | 15.1 | 296.9 | 332.3 | 13.5 | 89.4 | 0.5 | 18. |
| 1.7 | 10.1 | 567.2 | 950.0 | 18.4 | 17.5 | 211.6 | 19.5 | 10.2 | 16.6 | 257.7 | 332.8 | 13.4 | 94.0 | 1.5 | 23. |
| 2.5 | 12.1 | 756.3 | 925.0 | 17.8 | 16.3 | 213.4 | 21.4 | 13.3 | 16.7 | 292.2 | 331.0 | 12.7 | 91.0 | 2.6 | 28. |
| 3.5 | 14.4 | 1031.2 | 900.0 | 16.7 | 14.7 | 227.6 | 16.4 | 12.1 | 11.1 | 300.3 | 331.9 | 11.8 | 88.2 | 3.5 | 32. |
| 4.3 | 16.5 | 1271.4 | 875.0 | 15.2 | 12.6 | 232.2 | 12.9 | 12.9 | 10.0 | 301.0 | 327.5 | 10.6 | 84.3 | 4.3 | 36. |
| 5.3 | 18.9 | 1515.8 | 850.0 | 13.3 | 11.1 | 235.0 | 14.1 | 11.5 | 8.1 | 301.4 | 325.1 | 9.8 | 86.6 | 5.1 | 39. |
| 6.3 | 21.3 | 1767.8 | 825.0 | 11.2 | 9.9 | 235.2 | 14.5 | 11.9 | 8.3 | 301.7 | 327.2 | 9.4 | 91.7 | 6.0 | 41. |
| 7.4 | 23.5 | 2024.5 | 800.0 | 8.8 | 7.6 | 239.3 | 11.8 | 10.0 | 6.2 | 301.6 | 324.3 | 8.3 | 92.3 | 6.8 | 43. |
| 8.4 | 25.9 | 2237.1 | 775.0 | 7.2 | 6.7 | 237.5 | 14.3 | 10.4 | 6.6 | 302.6 | 324.5 | 8.0 | 96.9 | 7.5 | 44. |
| 9.5 | 28.4 | 2556.8 | 750.0 | 6.3 | 1.2 | 213.8 | 14.5 | 11.7 | 8.5 | 304.2 | 320.4 | 5.8 | 72.8 | 8.3 | 46. |
| 10.3 | 30.9 | 2936.1 | 725.0 | 6.4 | -16.2 | 212.5 | 15.6 | 12.4 | 9.5 | 308.8 | 313.6 | 1.5 | 16.1 | 9.1 | 46. |
| 11.3 | 33.5 | 3125.2 | 700.0 | 7.1 | -22.3 | 231.6 | 16.3 | 11.2 | 8.9 | 310.5 | 313.5 | 0.9 | 10.3 | 10.0 | 47. |
| 12.3 | 36.1 | 3422.6 | 675.0 | 4.6 | -25.8 | 231.4 | 14.2 | 11.1 | 6.9 | 310.9 | 313.2 | 0.7 | 8.8 | 10.9 | 47. |
| 13.5 | 38.9 | 3723.4 | 650.0 | 2.2 | -27.4 | 234.2 | 17.4 | 14.1 | 10.2 | 311.9 | 313.6 | 0.6 | 8.9 | 11.9 | 47. |
| 14.6 | 41.5 | 4033.5 | 625.0 | -0.2 | -25.0 | 241.0 | 21.0 | 16.4 | 10.2 | 312.3 | 314.9 | 0.8 | 13.3 | 13.3 | 48. |
| 16.0 | 44.4 | 4388.7 | 600.0 | -2.4 | -23.9 | 251.5 | 21.7 | 20.6 | 6.9 | 313.4 | 316.4 | 0.9 | 17.2 | 15.1 | 51. |
| 17.5 | 47.4 | 4704.5 | 575.0 | -5.6 | -23.5 | 257.3 | 21.6 | 21.1 | 4.8 | 313.5 | 316.7 | 1.6 | 22.7 | 16.8 | 53. |
| 18.6 | 50.4 | 5031.0 | 550.0 | -8.9 | -22.4 | 262.0 | 21.9 | 21.7 | 3.0 | 313.6 | 317.3 | 1.2 | 32.7 | 18.3 | 56. |
| 20.0 | 53.5 | 5488.8 | 525.0 | -12.5 | -20.3 | 266.1 | 21.8 | 21.6 | 0.7 | 313.6 | 318.2 | 1.4 | 51.6 | 19.6 | 58. |
| 21.1 | 56.5 | 5780.0 | 500.0 | -14.4 | -43.1 | 269.1 | 23.7 | 23.5 | 2.4 | 315.5 | 316.3 | 0.2 | 9.2 | 21.0 | 60. |
| 22.3 | 59.3 | 6166.9 | 475.0 | -16.9 | -57.6 | 264.6 | 24.8 | 24.7 | 2.3 | 317.0 | 317.2 | 0.0 | 1.5 | 22.5 | 62. |
| 23.6 | 63.3 | 6570.3 | 450.0 | -19.7 | -58.0 | 264.5 | 23.5 | 23.4 | 2.3 | 318.4 | 318.5 | 0.0 | 1.8 | 24.3 | 64. |
| 25.1 | 66.7 | 6992.4 | 425.0 | -22.5 | -56.7 | 263.7 | 22.7 | 22.6 | 2.5 | 320.0 | 320.1 | 0.0 | 2.1 | 26.3 | 65. |
| 26.9 | 70.4 | 7434.5 | 400.0 | -25.7 | -59.8 | 262.6 | 21.3 | 21.1 | 2.8 | 321.5 | 321.6 | 0.0 | 2.4 | 28.5 | 67. |
| 28.9 | 74.2 | 7899.2 | 375.0 | -28.8 | -61.0 | 266.4 | 25.8 | 25.6 | 1.6 | 323.4 | 323.6 | 0.0 | 2.8 | 31.2 | 68. |
| 30.3 | 78.3 | 8389.2 | 350.0 | -32.7 | -62.7 | 270.5 | 25.6 | 25.6 | -0.2 | 325.6 | 324.7 | 0.0 | 3.2 | 33.7 | 69. |
| 32.1 | 82.4 | 8906.7 | 325.0 | -37.0 | -64.9 | 273.2 | 25.4 | 26.4 | -1.5 | 325.6 | 325.7 | 0.0 | 3.7 | 35.9 | 71. |
| 33.8 | 86.7 | 9454.4 | 300.0 | -41.9 | -69.9 | 271.7 | 25.5 | 25.5 | -0.8 | 326.3 | 325.9 | 99.9 | 99.9 | 38.4 | 73. |
| 35.6 | 91.6 | 10036.7 | 275.0 | -47.2 | -69.9 | 276.9 | 26.9 | 26.7 | -3.2 | 328.9 | 328.9 | 99.9 | 99.9 | 41.3 | 74. |
| 37.0 | 96.4 | 10631.9 | 250.0 | -51.2 | -69.9 | 284.5 | 29.4 | 28.4 | -7.4 | 329.9 | 329.9 | 99.9 | 99.9 | 44.6 | 76. |
| 40.3 | 101.8 | 11337.9 | 225.0 | -57.1 | -69.9 | 293.5 | 30.2 | 27.7 | -12.0 | 331.0 | 329.9 | 99.9 | 99.9 | 48.5 | 79. |
| 42.7 | 107.8 | 12072.8 | 200.0 | -62.8 | -69.9 | 291.6 | 23.2 | 21.8 | -8.6 | 333.3 | 329.9 | 99.9 | 99.9 | 51.7 | 81. |
| 45.3 | 114.0 | 12888.1 | 175.0 | -68.7 | -69.9 | 290.0 | 33.2 | 30.8 | -12.5 | 335.9 | 329.9 | 99.9 | 99.9 | 54.7 | 84. |
| 47.9 | 121.0 | 13813.6 | 150.0 | -68.4 | -69.9 | 287.3 | 29.1 | 29.1 | 1.4 | 352.3 | 329.9 | 99.9 | 99.9 | 59.2 | 85. |
| 51.5 | 129.0 | 14921.5 | 125.0 | -64.4 | -69.9 | 283.4 | 23.2 | 23.2 | 2.7 | 378.3 | 329.9 | 99.9 | 99.9 | 64.8 | 85. |
| 55.1 | 137.0 | 16274.5 | 100.0 | -65.9 | -69.9 | 299.9 | 99.9 | 99.9 | 99.9 | 408.4 | 329.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 1
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTER
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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Sounding Data**25 April 1975****1200 GMT**

ORIGINAL PAGE IS

STATION NO. 208
CHARLESTON, SC25 APRIL 1975
1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

157 11. 1

| TIME MIN | CHCT | HEIGHT GPM | PRES MB | TEMP CG C | DEW PT CG C | DIR DG | SPEED M/SLC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/AG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.4 | 13.0 | 1017.6 | 19.6 | 16.3 | 230.0 | 4.2 | 3.2 | 2.7 | 292.8 | 322.7 | 11.5 | 81.0 | 0.0 | 0. |
| 0.6 | 5.7 | 163.8 | 1000.0 | 19.2 | 16.0 | 230.7 | 2.9 | 2.3 | 1.7 | 293.9 | 323.8 | 11.5 | 81.5 | 0.6 | 50. |
| 1.5 | 7.9 | 381.6 | 975.0 | 18.9 | 14.5 | 241.8 | 14.2 | 12.5 | 6.7 | 293.6 | 323.8 | 10.7 | 75.8 | 0.9 | 53. |
| 2.3 | 10.1 | 605.1 | 950.0 | 18.4 | 14.0 | 249.4 | 13.4 | 12.5 | 4.7 | 292.3 | 325.6 | 10.7 | 75.9 | 1.7 | 54. |
| 3.3 | 12.2 | 833.6 | 925.0 | 17.1 | 13.1 | 255.3 | 10.2 | 9.7 | 3.1 | 290.2 | 325.7 | 10.3 | 77.3 | 2.3 | 63. |
| 4.1 | 14.5 | 1067.3 | 900.0 | 15.6 | 10.6 | 251.2 | 11.0 | 10.4 | 3.5 | 290.8 | 322.9 | 9.0 | 72.1 | 2.9 | 64. |
| 5.1 | 16.6 | 1306.1 | 875.0 | 13.6 | 10.5 | 253.1 | 11.4 | 10.9 | 3.3 | 290.1 | 323.3 | 9.1 | 81.5 | 3.5 | 66. |
| 6.0 | 18.3 | 1553.1 | 850.0 | 12.0 | 9.2 | 250.5 | 11.9 | 11.6 | 2.8 | 290.9 | 323.3 | 8.7 | 83.0 | 4.2 | 67. |
| 7.0 | 21.2 | 1800.2 | 835.0 | 10.5 | 8.4 | 256.3 | 9.4 | 9.4 | 0.6 | 300.8 | 323.8 | 8.4 | 87.1 | 4.7 | 69. |
| 7.9 | 23.6 | 2056.1 | 800.0 | 8.5 | 7.0 | 273.7 | 6.0 | 7.9 | -0.5 | 302.2 | 316.5 | 7.9 | 90.2 | 5.2 | 71. |
| 9.0 | 25.8 | 2318.3 | 775.0 | 7.2 | 0.3 | 274.6 | 6.0 | 6.0 | -0.5 | 302.2 | 316.5 | 5.1 | 61.7 | 5.6 | 73. |
| 10.0 | 28.4 | 2587.1 | 750.0 | 7.7 | -0.2 | 268.6 | 4.8 | 4.8 | 0.4 | 305.5 | 320.0 | 5.1 | 57.7 | 5.9 | 74. |
| 11.2 | 31.0 | 2867.8 | 725.0 | 6.0 | -4.8 | 261.3 | 4.7 | 4.7 | 0.7 | 308.5 | 317.4 | 3.7 | 46.0 | 6.2 | 74. |
| 12.3 | 33.5 | 3154.9 | 700.0 | 5.1 | -11.7 | 263.3 | 7.9 | 7.9 | 0.2 | 309.4 | 315.2 | 2.2 | 28.5 | 6.6 | 75. |
| 13.3 | 35.9 | 3451.0 | 675.0 | 3.9 | -18.4 | 275.2 | 10.1 | 10.1 | -0.9 | 310.1 | 314.3 | 1.3 | 17.8 | 7.2 | 76. |
| 14.4 | 37.6 | 3756.2 | 650.0 | 1.3 | -18.0 | 288.4 | 11.6 | 11.3 | -2.9 | 310.6 | 315.1 | 1.4 | 22.1 | 7.8 | 78. |
| 15.4 | 41.1 | 4070.3 | 625.0 | -1.0 | -23.5 | 295.6 | 13.3 | 12.0 | -5.8 | 311.4 | 318.4 | 0.9 | 16.1 | 8.5 | 81. |
| 16.6 | 43.9 | 4395.2 | 600.0 | -2.0 | -28.3 | 308.9 | 13.4 | 11.0 | -7.7 | 313.8 | 315.9 | 0.6 | 11.3 | 9.2 | 84. |
| 17.6 | 46.8 | 4731.2 | 575.0 | -3.3 | -26.7 | 308.4 | 13.4 | 10.9 | -8.6 | 313.8 | 316.3 | 0.7 | 16.6 | 10.0 | 84. |
| 18.0 | 45.5 | 5077.9 | 550.0 | -5.5 | -30.6 | 308.4 | 11.1 | 9.1 | -6.3 | 318.0 | 315.8 | 0.5 | 14.8 | 10.7 | 92. |
| 20.4 | 52.6 | 5437.0 | 525.0 | -10.8 | -41.4 | 275.3 | 9.7 | 9.6 | -0.9 | 317.8 | 318.8 | 0.2 | 9.2 | 12.4 | 92. |
| 21.9 | 55.6 | 5810.9 | 500.0 | -12.5 | -38.5 | 258.8 | 11.1 | 10.9 | 2.2 | 317.8 | 318.8 | 0.3 | 9.2 | 12.4 | 92. |
| 23.2 | 58.7 | 6200.2 | 475.0 | -13.6 | -38.0 | 263.5 | 10.4 | 10.3 | 1.2 | 318.7 | 319.7 | 0.3 | 12.5 | 13.2 | 92. |
| 25.5 | 62.0 | 6655.4 | 450.0 | -19.4 | -42.9 | 265.9 | 11.3 | 11.3 | 0.2 | 320.1 | 320.8 | 0.2 | 9.4 | 14.0 | 91. |
| 26.0 | 65.3 | 7020.1 | 425.0 | -21.9 | -45.4 | 269.3 | 11.2 | 11.2 | 0.1 | 320.9 | 321.4 | 0.2 | 10.1 | 14.4 | 91. |
| 27.9 | 68.7 | 7472.3 | 400.0 | -25.4 | -47.8 | 272.8 | 15.1 | 15.0 | -0.7 | 321.9 | 322.4 | 0.1 | 10.1 | 14.4 | 91. |
| 29.8 | 72.1 | 7936.9 | 375.0 | -25.4 | -50.7 | 280.1 | 15.2 | 15.0 | -2.7 | 322.6 | 323.0 | 0.1 | 10.5 | 18.2 | 92. |
| 31.6 | 76.3 | 8428.0 | 350.0 | -33.1 | -53.4 | 288.6 | 13.4 | 14.6 | -4.9 | 328.0 | 328.3 | 0.1 | 10.9 | 14.9 | 93. |
| 33.4 | 80.0 | 8942.2 | 325.0 | -37.4 | -56.6 | 295.6 | 13.4 | 14.6 | -7.1 | 328.0 | 328.3 | 0.1 | 11.3 | 21.5 | 94. |
| 35.5 | 83.8 | 9491.3 | 300.0 | -40.8 | -59.9 | 302.6 | 17.3 | 14.6 | -9.3 | 327.8 | 999.9 | 99.9 | 99.9 | 23.6 | 94. |
| 37.8 | 88.2 | 10076.7 | 275.0 | -46.0 | -59.9 | 308.0 | 19.6 | 16.2 | -10.9 | 328.6 | 999.9 | 99.9 | 99.9 | 25.9 | 94. |
| 40.2 | 92.9 | 10704.1 | 250.0 | -50.8 | -59.9 | 308.2 | 18.0 | 12.6 | -9.9 | 330.6 | 999.9 | 99.9 | 99.9 | 28.1 | 101. |
| 42.7 | 97.4 | 11384.2 | 225.0 | -54.9 | -59.9 | 338.9 | 18.0 | 6.8 | -14.5 | 338.5 | 999.9 | 99.9 | 99.9 | 24.8 | 104. |
| 45.1 | 102.4 | 12126.6 | 200.0 | -61.1 | -59.9 | 328.6 | 22.3 | 11.6 | -19.0 | 338.0 | 999.9 | 99.9 | 99.9 | 31.8 | 126. |
| 48.4 | 108.0 | 12987.9 | 175.0 | -64.3 | -59.9 | 311.6 | 18.6 | 12.4 | -11.1 | 343.8 | 999.9 | 99.9 | 99.9 | 35.3 | 112. |
| 51.7 | 114.3 | 13903.9 | 150.0 | -59.9 | -59.9 | 290.3 | 18.9 | 17.8 | -6.6 | 367.0 | 999.9 | 99.9 | 99.9 | 37.1 | 112. |
| 56.3 | 121.0 | 15037.9 | 125.0 | -62.8 | -59.9 | 278.1 | 22.2 | 22.0 | -3.1 | 381.3 | 999.9 | 99.9 | 99.9 | 44.5 | 111. |
| 61.2 | 128.7 | 16357.9 | 100.0 | -68.5 | -59.9 | 270.5 | 18.0 | 18.0 | -0.2 | 398.4 | 999.9 | 99.9 | 99.9 | 50.6 | 110. |
| 67.5 | 137.0 | 18116.5 | 75.0 | -67.8 | -59.9 | 274.7 | 9.7 | 9.7 | -0.8 | 430.8 | 999.9 | 99.9 | 99.9 | 55.0 | 108. |
| 70.6 | 148.7 | 20592.7 | 50.0 | -61.9 | -59.9 | 83.8 | 2.6 | -2.6 | -0.3 | 457.8 | 999.9 | 99.9 | 99.9 | 50.6 | 106. |
| 91.2 | 155.0 | 25320.4 | 25.0 | -50.2 | -59.9 | 335.3 | 5.1 | 2.1 | -4.6 | 640.3 | 999.9 | 99.9 | 99.9 | 55.6 | 111. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 211
TAMPA, FLA

25 APRIL 1976
1115 GMT

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V CCNP M/SEC | POT T DEG K | E POT T DEG K | NA RTO GM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 4.4 | 5.0 | 1018.4 | 20.0 | 17.8 | 140.0 | 2.6 | -1.7 | 2.0 | 293.3 | 326.1 | 12.7 | 87.0 | 0.0 | 0. |
| 0.7 | 5.8 | 166.0 | 1000.0 | 20.2 | 16.9 | 140.0 | 8.6 | -2.8 | 8.1 | 295.0 | 326.8 | 12.2 | 81.6 | 0.2 | 326. |
| 1.5 | 7.8 | 385.2 | 975.0 | 20.1 | 16.6 | 180.4 | 6.0 | 0.1 | 8.0 | 297.0 | 329.3 | 12.3 | 80.3 | 0.7 | 342. |
| 2.6 | 10.0 | 605.5 | 950.0 | 19.7 | 13.5 | 195.9 | 5.0 | 1.4 | 4.8 | 298.6 | 326.2 | 10.4 | 67.5 | 1.0 | 354. |
| 3.6 | 11.9 | 639.4 | 925.0 | 18.8 | 12.0 | 207.3 | 4.6 | 2.1 | 4.0 | 299.8 | 325.6 | 9.6 | 64.8 | 1.2 | 358. |
| 4.7 | 14.2 | 1074.3 | 900.0 | 16.9 | 11.9 | 204.0 | 4.6 | 1.9 | 4.2 | 300.2 | 326.6 | 9.8 | 72.4 | 1.6 | 3. |
| 5.6 | 16.1 | 1319.2 | 875.0 | 15.3 | 10.9 | 185.8 | 2.5 | 0.3 | 2.5 | 301.0 | 326.6 | 9.4 | 70.9 | 1.7 | 6. |
| 6.6 | 18.4 | 1559.8 | 850.0 | 13.5 | 10.3 | 237.3 | 1.7 | 1.4 | 0.9 | 301.5 | 327.9 | 9.7 | 84.4 | 1.8 | 7. |
| 7.7 | 20.5 | 1811.6 | 823.0 | 13.1 | 8.9 | 256.0 | 1.7 | 1.7 | 0.4 | 303.4 | 323.3 | 7.2 | 82.3 | 1.9 | 10. |
| 8.6 | 22.8 | 2068.9 | 800.0 | 12.4 | -9.4 | 51.6 | 0.4 | -0.3 | -0.2 | 304.7 | 311.8 | 2.4 | 21.4 | 1.9 | 11. |
| 9.7 | 25.2 | 2335.5 | 775.0 | 12.1 | -8.3 | 102.3 | 3.8 | -3.8 | 0.8 | 307.2 | 315.1 | 2.7 | 23.4 | 1.9 | 6. |
| 10.7 | 27.4 | 2605.6 | 750.0 | 11.0 | -4.3 | 108.4 | 5.6 | -5.4 | 1.5 | 309.0 | 320.0 | 3.7 | 33.9 | 2.0 | 356. |
| 11.8 | 30.0 | 2891.5 | 725.0 | 9.4 | -6.1 | 97.0 | 6.2 | -6.1 | 0.7 | 310.2 | 320.2 | 3.4 | 33.0 | 2.1 | 348. |
| 12.9 | 32.5 | 3182.0 | 700.0 | 7.9 | -7.1 | 80.4 | 7.4 | -7.3 | -1.2 | 311.6 | 321.3 | 3.2 | 33.9 | 2.2 | 377. |
| 14.1 | 35.2 | 3481.2 | 675.0 | 6.4 | -9.9 | 58.4 | 6.9 | -5.8 | -3.6 | 313.1 | 321.3 | 2.7 | 21.4 | 2.4 | 310. |
| 15.5 | 37.6 | 3789.2 | 650.0 | 3.9 | -17.2 | 44.4 | 5.2 | -3.6 | -3.7 | 313.6 | 318.8 | 1.7 | 21.4 | 2.4 | 310. |
| 16.7 | 40.3 | 4100.7 | 625.0 | 1.6 | -11.7 | 42.3 | 4.2 | -2.8 | -3.1 | 314.6 | 322.4 | 2.5 | 36.8 | 2.4 | 333. |
| 17.9 | 42.9 | 4433.8 | 600.0 | -1.2 | -11.5 | 57.9 | 4.1 | -3.5 | -2.2 | 315.0 | 323.2 | 2.6 | 45.4 | 2.5 | 295. |
| 19.2 | 45.8 | 4772.3 | 575.0 | -2.5 | -15.9 | 29.0 | 4.3 | -2.1 | -3.8 | 317.3 | 323.4 | 1.9 | 34.9 | 2.6 | 290. |
| 20.6 | 48.8 | 5123.4 | 550.0 | -5.2 | -18.7 | 348.5 | 4.3 | 0.9 | -4.2 | 318.2 | 324.7 | 2.0 | 43.3 | 2.6 | 282. |
| 22.0 | 51.6 | 5487.0 | 525.0 | -8.2 | -17.4 | 324.5 | 4.8 | 2.8 | -3.9 | 319.8 | 324.7 | 1.9 | 47.3 | 2.4 | 273. |
| 23.5 | 54.6 | 5863.7 | 500.0 | -11.4 | -19.0 | 310.9 | 5.7 | 4.3 | -3.7 | 319.3 | 324.7 | 1.7 | 53.2 | 2.1 | 266. |
| 25.0 | 57.6 | 6255.3 | 475.0 | -13.7 | -26.5 | 304.2 | 7.5 | 6.2 | -4.2 | 321.1 | 324.8 | 0.9 | 32.9 | 1.7 | 251. |
| 26.4 | 60.9 | 6649.2 | 450.0 | -16.5 | -30.8 | 99.9 | 99.9 | 99.9 | 99.9 | 322.5 | 324.8 | 0.7 | 27.9 | 99.9 | 99.9. |
| 28.4 | 64.4 | 7091.5 | 425.0 | -20.0 | -32.3 | 99.9 | 99.9 | 99.9 | 99.9 | 323.3 | 325.4 | 0.6 | 32.2 | 99.9 | 99.9. |
| 30.2 | 67.7 | 7537.8 | 400.0 | -23.7 | -33.1 | 298.9 | 15.5 | 13.6 | -7.5 | 324.2 | 326.2 | 0.6 | 41.2 | 2.7 | 142. |
| 32.0 | 71.3 | 8006.6 | 375.0 | -26.2 | -44.4 | 302.7 | 20.3 | 17.1 | -11.0 | 326.9 | 327.6 | 0.2 | 16.2 | 4.6 | 133. |
| 33.8 | 75.2 | 8502.6 | 350.0 | -29.6 | -41.0 | 72.4 | 21.4 | 18.0 | -11.5 | 328.8 | 329.8 | 0.3 | 31.8 | 6.9 | 130. |
| 35.9 | 79.3 | 9026.8 | 325.0 | -34.0 | -44.7 | 75.4 | 19.2 | 15.6 | -11.1 | 329.8 | 330.6 | 0.2 | 33.7 | 9.4 | 128. |
| 38.0 | 83.4 | 9581.7 | 300.0 | -38.9 | -46.2 | 305.0 | 18.2 | 14.9 | -10.4 | 330.5 | 331.2 | 0.2 | 45.5 | 11.7 | 127. |
| 40.2 | 87.8 | 10173.2 | 275.0 | -43.3 | 99.9 | 314.9 | 22.6 | 16.1 | -14.1 | 332.6 | 999.9 | 99.9 | 99.9 | 14.3 | 124. |
| 42.7 | 92.6 | 10809.6 | 250.0 | -48.1 | 99.9 | 309.6 | 26.9 | 20.7 | -17.1 | 334.5 | 999.9 | 99.9 | 99.9 | 18.1 | 129. |
| 45.5 | 97.6 | 11495.0 | 225.0 | -53.6 | 99.9 | 309.7 | 29.4 | 22.6 | -18.8 | 336.3 | 999.9 | 99.9 | 99.9 | 22.8 | 129. |
| 48.4 | 103.0 | 12245.8 | 200.0 | -60.3 | 99.9 | 307.8 | 27.5 | 21.7 | -16.8 | 337.3 | 999.9 | 99.9 | 99.9 | 27.8 | 129. |
| 51.5 | 109.3 | 13044.3 | 175.0 | -64.3 | 99.9 | 306.9 | 29.8 | 23.8 | -17.9 | 343.9 | 999.9 | 99.9 | 99.9 | 33.7 | 129. |
| 55.1 | 115.6 | 14014.9 | 150.0 | -60.1 | 99.9 | 254.1 | 24.0 | 21.5 | -10.5 | 346.5 | 999.9 | 99.9 | 99.9 | 38.3 | 127. |
| 58.4 | 123.3 | 15145.5 | 125.0 | -64.4 | 99.9 | 256.0 | 20.5 | 18.4 | -9.0 | 378.4 | 999.9 | 99.9 | 99.9 | 44.1 | 125. |
| 64.3 | 131.7 | 16491.0 | 100.0 | -70.0 | 99.9 | 255.6 | 15.1 | 15.1 | 0.1 | 392.5 | 999.9 | 99.9 | 99.9 | 48.6 | 122. |
| 70.3 | 141.0 | 18188.5 | 75.0 | -71.9 | 99.9 | 250.8 | 7.3 | 6.8 | -2.4 | 422.3 | 999.9 | 99.9 | 99.9 | 52.2 | 122. |
| 78.2 | 150.7 | 20645.3 | 50.0 | -61.6 | 99.9 | 42.3 | 8.2 | -5.5 | -6.1 | 498.8 | 999.9 | 99.9 | 99.9 | 54.6 | 123. |
| 91.1 | 161.3 | 25056.1 | 25.0 | -50.1 | 99.9 | 20.3 | 1.8 | -0.6 | -1.7 | 641.2 | 999.9 | 99.9 | 99.9 | 53.5 | 125. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 213
WAYCROSS, GA25 APRIL 1975
1115 GMT

| TIME MIN | CATCT | WEIGHT G/M | PRES MB | TEMP DG C | DEV PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 3.5 | 44.0 | 1013.6 | 16.1 | 15.6 | 200.0 | 1.5 | 0.5 | 1.4 | 285.6 | 318.0 | 11.1 | 97.0 | 0.0 | 0 |
| 0.3 | 4.6 | 160.0 | 1000.0 | 18.4 | 16.3 | 207.1 | 12.8 | 5.8 | 11.4 | 293.1 | 323.6 | 11.8 | 87.8 | 0.3 | 20 |
| 1.1 | 6.4 | 378.5 | 975.0 | 19.9 | 15.2 | 204.8 | 6.9 | 3.7 | 4.0 | 296.7 | 326.4 | 11.3 | 76.6 | 0.7 | 23 |
| 1.9 | 2.4 | 602.6 | 950.0 | 19.7 | 10.3 | 211.8 | 5.4 | 2.6 | 4.6 | 298.3 | 326.8 | 8.3 | 54.5 | 1.2 | 24 |
| 2.4 | 10.4 | 832.1 | 925.0 | 18.3 | 10.8 | 212.7 | 5.9 | 3.2 | 5.0 | 299.2 | 323.1 | 8.9 | 61.7 | 1.2 | 26 |
| 3.4 | 12.4 | 1066.3 | 900.0 | 16.3 | 9.2 | 233.2 | 6.7 | 5.4 | 4.0 | 299.4 | 321.6 | 8.2 | 62.7 | 1.5 | 28 |
| 4.2 | 14.5 | 1305.7 | 875.0 | 14.9 | 7.5 | 249.0 | 9.5 | 8.8 | 3.4 | 300.2 | 320.7 | 7.5 | 61.3 | 1.8 | 30 |
| 5.1 | 16.5 | 1550.7 | 850.0 | 13.4 | 4.9 | 253.5 | 11.6 | 11.3 | 3.3 | 301.1 | 319.0 | 6.5 | 56.8 | 2.3 | 44 |
| 5.8 | 18.8 | 1831.4 | 825.0 | 13.3 | -41.8 | 261.0 | 10.4 | 10.3 | 1.6 | 302.6 | 303.0 | 0.1 | 1.0 | 2.8 | 56 |
| 6.7 | 20.8 | 2355.5 | 800.0 | 11.6 | 1.1 | 268.6 | 7.1 | 7.1 | 0.2 | 304.2 | 319.1 | 5.2 | 42.7 | 3.1 | 55 |
| 7.5 | 23.1 | 2324.6 | 775.0 | 10.9 | -1.3 | 251.7 | 5.6 | 5.3 | 1.7 | 306.1 | 319.1 | 4.5 | 42.8 | 3.4 | 58 |
| 8.4 | 25.4 | 2597.7 | 750.0 | 9.8 | -10.0 | 244.3 | 6.2 | 5.5 | 2.7 | 307.6 | 314.9 | 2.4 | 23.8 | 3.7 | 59 |
| 9.4 | 27.6 | 2878.6 | 725.0 | 9.3 | -16.1 | 248.7 | 7.2 | 6.7 | 2.6 | 309.8 | 314.9 | 1.6 | 16.1 | 4.1 | 59 |
| 10.4 | 30.1 | 3168.1 | 700.0 | 7.2 | -19.9 | 250.2 | 6.9 | 6.4 | 2.3 | 310.6 | 314.2 | 1.1 | 12.4 | 4.5 | 59 |
| 11.4 | 32.6 | 3466.0 | 675.0 | 5.4 | -23.2 | 275.0 | 6.8 | 6.5 | -0.6 | 311.8 | 314.8 | 0.9 | 11.2 | 4.9 | 61 |
| 12.5 | 35.2 | 3772.7 | 650.0 | 2.4 | -15.6 | 294.3 | 6.3 | 5.8 | -2.6 | 311.9 | 317.3 | 1.7 | 25.1 | 5.2 | 65 |
| 13.6 | 37.7 | 4084.3 | 625.0 | 0.4 | -40.4 | 274.4 | 4.8 | 4.8 | -0.4 | 313.0 | 314.3 | 0.4 | 6.3 | 5.5 | 68 |
| 14.5 | 40.3 | 4414.2 | 600.0 | -1.8 | -51.1 | 262.9 | 4.4 | 4.4 | 0.6 | 314.0 | 314.2 | 0.1 | 1.0 | 5.7 | 68 |
| 15.6 | 42.9 | 4750.7 | 575.0 | -4.4 | -52.7 | 281.1 | 6.7 | 8.5 | -1.3 | 314.8 | 315.0 | 0.0 | 1.0 | 6.0 | 69 |
| 16.8 | 45.7 | 5058.5 | 550.0 | -7.8 | -39.7 | 286.4 | 9.0 | 8.6 | -2.5 | 314.8 | 315.6 | 0.2 | 5.7 | 6.4 | 72 |
| 17.8 | 48.7 | 5458.0 | 525.0 | -11.1 | -32.7 | 282.4 | 11.1 | 10.9 | -2.4 | 315.1 | 316.7 | 0.5 | 14.8 | 7.0 | 75 |
| 19.0 | 51.5 | 5831.5 | 500.0 | -12.8 | -26.4 | 285.6 | 14.5 | 14.0 | -3.9 | 317.5 | 320.5 | 0.9 | 30.9 | 7.5 | 78 |
| 20.2 | 54.6 | 6220.6 | 475.0 | -15.9 | -29.7 | 287.1 | 14.2 | 13.6 | -4.2 | 318.4 | 321.8 | 1.0 | 45.2 | 8.4 | 82 |
| 21.6 | 57.6 | 6625.6 | 450.0 | -19.6 | -20.8 | 284.1 | 12.9 | 12.5 | -3.1 | 318.7 | 323.9 | 1.6 | 90.2 | 9.4 | 84 |
| 23.1 | 61.0 | 7047.3 | 425.0 | -22.4 | -55.8 | 283.0 | 12.4 | 12.1 | -2.8 | 320.2 | 320.4 | 0.0 | 3.0 | 10.9 | 88 |
| 24.5 | 64.5 | 7485.8 | 400.0 | -25.7 | -34.6 | 286.5 | 14.7 | 14.1 | -4.2 | 321.6 | 323.4 | 0.5 | 42.9 | 12.3 | 88 |
| 26.2 | 68.0 | 7953.8 | 375.0 | -29.2 | -68.6 | 298.1 | 12.5 | 11.0 | -5.9 | 322.5 | 322.6 | 0.0 | 1.0 | 13.3 | 90 |
| 27.7 | 71.5 | 8443.1 | 350.0 | -32.7 | -71.0 | 293.1 | 14.8 | 13.6 | -5.8 | 324.5 | 324.6 | 0.0 | 1.0 | 14.3 | 92 |
| 29.4 | 75.6 | 8941.1 | 325.0 | -36.5 | -73.5 | 288.6 | 16.9 | 16.0 | -5.4 | 326.2 | 326.2 | 0.0 | 1.0 | 15.9 | 94 |
| 31.2 | 79.5 | 9516.8 | 300.0 | -40.9 | 99.9 | 281.9 | 19.4 | 19.0 | -4.0 | 327.7 | 327.7 | 99.9 | 99.9 | 17.8 | 95 |
| 33.1 | 84.0 | 10094.0 | 275.0 | -45.2 | 99.9 | 287.5 | 20.9 | 20.0 | -6.3 | 329.8 | 329.9 | 99.9 | 99.9 | 20.0 | 96 |
| 35.1 | 88.6 | 10726.3 | 250.0 | -50.2 | 99.9 | 300.7 | 20.1 | 17.3 | -10.3 | 331.5 | 331.5 | 99.9 | 99.9 | 22.6 | 97 |
| 37.3 | 93.6 | 11467.3 | 225.0 | -54.8 | 99.9 | 313.3 | 16.7 | 12.1 | -11.4 | 334.6 | 334.6 | 99.9 | 99.9 | 24.7 | 101 |
| 39.8 | 99.0 | 12151.5 | 200.0 | -59.8 | 99.9 | 302.9 | 21.0 | 17.6 | -11.4 | 338.1 | 338.1 | 99.9 | 99.9 | 27.2 | 104 |
| 42.6 | 105.0 | 12974.6 | 175.0 | -64.5 | 99.9 | 287.4 | 15.0 | 14.3 | -4.5 | 343.4 | 343.4 | 99.9 | 99.9 | 30.0 | 105 |
| 45.7 | 111.7 | 13923.6 | 150.0 | -69.9 | 99.9 | 281.4 | 15.0 | 14.3 | -7.2 | 346.9 | 346.9 | 99.9 | 99.9 | 34.3 | 105 |
| 49.3 | 119.0 | 15056.9 | 125.0 | -62.0 | 99.9 | 276.8 | 23.8 | 23.6 | -2.8 | 362.7 | 362.7 | 99.9 | 99.9 | 39.7 | 106 |
| 53.7 | 128.0 | 16420.0 | 100.0 | -67.4 | 99.9 | 280.6 | 16.5 | 16.2 | -3.0 | 397.5 | 397.5 | 99.9 | 99.9 | 45.2 | 106 |
| 59.3 | 136.7 | 18136.1 | 75.0 | -70.5 | 99.9 | 293.1 | 14.1 | 13.0 | -8.6 | 425.1 | 425.1 | 99.9 | 99.9 | 49.2 | 106 |
| 66.8 | 150.5 | 20594.0 | 50.0 | -61.5 | 99.9 | 4.4 | 5.2 | -0.4 | -8.1 | 468.5 | 468.5 | 99.9 | 99.9 | 51.3 | 106 |
| 78.3 | 183.0 | 25007.4 | 25.0 | -50.9 | 99.9 | 132.1 | 5.1 | 2.3 | -4.5 | 638.5 | 638.5 | 99.9 | 99.9 | 51.5 | 107 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 220
TALACHNICOLA, FLA

2F APRIL 1975
1110 GMT

| TIME MIN | CATCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.7 | 11.0 | 1017.5 | 18.6 | 18.6 | 180.0 | 2.1 | 0.0 | 5.1 | 292.1 | 326.4 | 13.4 | 100.0 | 0.0 | 0. |
| 0.6 | 6.1 | 161.0 | 1000.0 | 19.2 | 18.6 | 192.6 | 4.2 | 1.3 | 6.4 | 294.1 | 329.4 | 13.7 | 96.5 | 0.1 | 10. |
| 1.4 | 8.4 | 374.3 | 975.0 | 19.5 | 18.1 | 195.8 | 6.6 | 1.8 | 6.4 | 295.7 | 316.6 | 7.0 | 48.0 | 0.5 | 11. |
| 2.2 | 10.8 | 602.8 | 950.0 | 20.0 | -28.5 | 223.3 | 4.5 | 3.1 | 3.3 | 297.6 | 301.0 | 1.2 | 7.7 | 0.7 | 17. |
| 3.0 | 12.1 | 631.8 | 925.0 | 20.0 | -28.5 | 232.7 | 4.9 | 3.9 | 3.0 | 299.8 | 301.8 | 0.6 | 4.0 | 0.9 | 26. |
| 3.9 | 13.4 | 1066.6 | 900.0 | 18.3 | -15.2 | 221.6 | 5.6 | 3.7 | 4.2 | 300.5 | 304.5 | 1.3 | 8.8 | 1.1 | 30. |
| 4.6 | 17.8 | 1306.4 | 875.0 | 16.7 | -24.2 | 215.1 | 6.8 | 3.7 | 5.3 | 301.2 | 303.6 | 0.7 | 5.5 | 1.4 | 31. |
| 5.4 | 20.3 | 1852.1 | 850.0 | 15.4 | -24.7 | 224.5 | 7.2 | 5.1 | 5.2 | 302.4 | 304.7 | 0.8 | 5.9 | 1.7 | 33. |
| 6.1 | 22.6 | 1804.2 | 825.0 | 14.6 | -41.0 | 234.9 | 6.5 | 5.3 | 3.7 | 304.0 | 304.4 | 0.1 | 1.0 | 2.1 | 16. |
| 7.3 | 25.2 | 2033.2 | 800.0 | 12.7 | -26.6 | 248.7 | 4.1 | 3.7 | 1.7 | 305.2 | 316.7 | 3.9 | 34.3 | 2.4 | 39. |
| 8.3 | 27.5 | 2329.1 | 775.0 | 11.7 | -59.9 | 266.6 | 4.6 | 4.2 | 1.8 | 306.8 | 316.2 | 3.2 | 28.5 | 2.6 | 42. |
| 9.2 | 30.3 | 2603.3 | 750.0 | 12.4 | -39.7 | 230.3 | 4.3 | 3.3 | 2.6 | 310.1 | 311.3 | 0.4 | 3.0 | 2.9 | 44. |
| 10.3 | 33.0 | 2864.3 | 725.0 | 10.9 | -12.9 | 212.1 | 5.3 | 2.8 | 4.5 | 311.6 | 317.7 | 2.0 | 17.4 | 3.2 | 43. |
| 11.2 | 35.7 | 3177.6 | 700.0 | 9.2 | -16.4 | 222.7 | 4.9 | 3.3 | 3.6 | 312.9 | 317.7 | 1.8 | 14.7 | 3.5 | 42. |
| 12.3 | 38.4 | 3477.9 | 675.0 | 7.3 | -21.7 | 253.5 | 4.4 | 4.2 | 1.2 | 313.9 | 317.2 | 1.0 | 10.6 | 3.7 | 43. |
| 13.3 | 41.1 | 3786.4 | 650.0 | 4.6 | -17.4 | 264.3 | 3.6 | 3.5 | 0.3 | 314.3 | 319.1 | 1.8 | 18.4 | 3.9 | 46. |
| 14.4 | 44.1 | 4104.0 | 625.0 | 1.3 | -14.0 | 294.3 | 2.1 | 1.9 | -0.8 | 314.2 | 320.7 | 2.1 | 31.0 | 4.1 | 48. |
| 15.6 | 47.1 | 4430.9 | 600.0 | -1.5 | -13.1 | 333.2 | 2.3 | 1.0 | -2.0 | 314.6 | 321.8 | 2.3 | 40.6 | 4.0 | 50. |
| 16.9 | 50.2 | 4768.4 | 575.0 | -4.3 | -13.2 | 298.8 | 4.0 | 3.5 | -1.9 | 315.2 | 322.7 | 2.4 | 50.0 | 4.1 | 52. |
| 18.0 | 53.1 | 5117.4 | 550.0 | -6.5 | -13.9 | 299.8 | 6.3 | 5.8 | -3.1 | 316.6 | 324.0 | 2.4 | 53.7 | 4.2 | 56. |
| 19.1 | 56.1 | 5475.3 | 525.0 | -9.4 | -16.4 | 298.0 | 8.6 | 7.6 | -4.1 | 317.4 | 323.8 | 2.0 | 56.4 | 4.5 | 63. |
| 20.4 | 59.5 | 5844.4 | 500.0 | -12.6 | -19.9 | 296.6 | 9.3 | 8.3 | -4.2 | 317.8 | 324.9 | 1.6 | 54.4 | 4.9 | 69. |
| 21.7 | 63.0 | 6243.5 | 475.0 | -16.2 | -22.4 | 295.2 | 9.0 | 8.1 | -3.6 | 318.0 | 324.4 | 1.3 | 56.5 | 5.4 | 75. |
| 23.1 | 66.2 | 6648.6 | 450.0 | -18.4 | -27.9 | 292.9 | 5.7 | 9.0 | -3.6 | 320.1 | 321.2 | 0.3 | 16.0 | 6.0 | 79. |
| 24.5 | 69.9 | 7072.3 | 425.0 | -21.9 | -35.7 | 287.4 | 12.2 | 11.6 | -3.6 | 321.0 | 324.4 | 0.4 | 27.1 | 6.9 | 83. |
| 26.0 | 73.3 | 7515.4 | 400.0 | -25.7 | -33.2 | 286.3 | 14.4 | 13.9 | -4.0 | 321.6 | 323.6 | 0.6 | 49.2 | 8.0 | 86. |
| 27.6 | 77.2 | 7990.5 | 375.0 | -28.2 | -31.8 | 300.9 | 19.6 | 16.8 | -10.1 | 324.2 | 326.7 | 0.7 | 71.4 | 9.5 | 91. |
| 29.3 | 81.0 | 8472.7 | 350.0 | -31.2 | -33.0 | 301.7 | 22.5 | 19.1 | -11.6 | 326.7 | 329.0 | 0.7 | 83.8 | 11.3 | 97. |
| 31.2 | 85.1 | 8994.1 | 325.0 | -35.2 | -36.7 | 305.8 | 21.3 | 17.2 | -12.4 | 328.1 | 328.9 | 0.5 | 85.6 | 13.6 | 101. |
| 33.3 | 89.4 | 9546.5 | 300.0 | -40.0 | -39.9 | 317.1 | 20.1 | 13.7 | -14.7 | 328.9 | 328.9 | 99.9 | 99.9 | 16.0 | 106. |
| 35.4 | 94.0 | 10134.5 | 275.0 | -44.5 | -39.9 | 340.7 | 12.6 | 4.2 | -11.9 | 330.8 | 328.9 | 99.9 | 99.9 | 17.2 | 110. |
| 37.9 | 98.6 | 10766.3 | 250.0 | -49.4 | -39.9 | 316.5 | 25.2 | 17.4 | -18.3 | 332.7 | 328.9 | 99.9 | 99.9 | 20.1 | 115. |
| 40.4 | 103.6 | 11447.6 | 225.0 | -55.1 | -39.9 | 313.1 | 24.5 | 17.9 | -16.7 | 334.0 | 328.9 | 99.9 | 99.9 | 23.8 | 118. |
| 42.8 | 108.8 | 12190.1 | 200.0 | -60.4 | -39.9 | 48.7 | 6.2 | -4.7 | -14.1 | 337.1 | 328.9 | 99.9 | 99.9 | 26.2 | 120. |
| 45.1 | 114.8 | 13014.0 | 175.0 | -63.9 | -39.9 | 316.2 | 18.6 | 12.5 | -14.0 | 344.4 | 328.9 | 99.9 | 99.9 | 27.6 | 123. |
| 48.3 | 121.7 | 13561.7 | 150.0 | -68.6 | -39.9 | 304.8 | 16.9 | 13.9 | -9.6 | 345.7 | 328.9 | 99.9 | 99.9 | 31.0 | 123. |
| 50.3 | 126.3 | 15091.4 | 125.0 | -63.8 | -39.9 | 289.1 | 15.7 | 14.9 | -2.8 | 379.4 | 328.9 | 99.9 | 99.9 | 34.6 | 123. |
| 52.2 | 136.5 | 16446.8 | 100.0 | -68.8 | -39.9 | 285.0 | 10.7 | 10.4 | -2.8 | 394.7 | 328.9 | 99.9 | 99.9 | 38.4 | 122. |
| 54.2 | 145.0 | 18151.9 | 75.0 | -65.3 | -39.9 | 266.7 | 7.7 | 7.4 | -2.2 | 427.7 | 328.9 | 99.9 | 99.9 | 41.5 | 121. |
| 56.2 | 155.0 | 20116.9 | 50.0 | -63.9 | -39.9 | 28.1 | 3.7 | -1.7 | -3.3 | 493.4 | 328.9 | 99.9 | 99.9 | 44.0 | 122. |
| 58.8 | 160.3 | 25033.5 | 25.0 | -50.3 | -39.9 | 341.9 | 5.1 | 1.6 | -4.9 | 640.5 | 328.9 | 99.9 | 99.9 | 46.5 | 124. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 226
CENTERVILLE, ALA25 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.3 | 147.0 | 1000.5 | 20.0 | 19.2 | 200.0 | 4.2 | 1.4 | 3.9 | 295.0 | 331.6 | 14.2 | 95.0 | 0.3 | 0 |
| 0.0 | 6.3 | 144.3 | 1000.0 | 19.9 | 19.1 | 204.0 | 4.8 | 2.0 | 4.4 | 295.0 | 331.4 | 14.1 | 94.9 | 0.0 | 3 |
| 0.9 | 6.7 | 362.6 | 975.0 | 18.3 | 17.2 | 225.2 | 14.2 | 10.1 | 10.0 | 295.3 | 328.6 | 12.8 | 93.6 | 0.5 | 42 |
| 1.7 | 11.2 | 585.6 | 950.0 | 17.4 | 16.2 | 236.5 | 16.6 | 13.8 | 9.1 | 295.5 | 325.8 | 12.3 | 92.6 | 1.3 | 46 |
| 2.7 | 13.5 | 813.9 | 925.0 | 16.1 | 14.6 | 238.5 | 17.6 | 15.0 | 9.2 | 297.3 | 327.5 | 11.4 | 90.8 | 2.2 | 52 |
| 3.6 | 15.8 | 1046.9 | 900.0 | 14.6 | 13.0 | 242.0 | 15.8 | 14.0 | 7.4 | 298.0 | 325.9 | 10.5 | 89.8 | 3.1 | 54 |
| 4.5 | 18.4 | 1295.0 | 875.0 | 12.8 | 10.3 | 241.8 | 15.5 | 13.7 | 7.3 | 298.3 | 322.7 | 9.1 | 85.1 | 3.9 | 56 |
| 5.5 | 20.8 | 1529.2 | 850.0 | 13.6 | 4.6 | 250.8 | 16.3 | 15.4 | 5.4 | 301.2 | 318.8 | 6.3 | 59.1 | 4.9 | 51 |
| 6.3 | 23.3 | 1780.4 | 825.0 | 12.9 | -1.4 | 261.6 | 16.3 | 16.1 | 2.4 | 302.8 | 314.9 | 4.2 | 37.1 | 5.7 | 61 |
| 7.2 | 25.9 | 2036.2 | 800.0 | 11.5 | -1.3 | 267.6 | 15.5 | 15.5 | 0.7 | 304.0 | 316.5 | 4.4 | 41.0 | 6.5 | 64 |
| 8.3 | 28.6 | 2302.7 | 775.0 | 9.5 | -0.7 | 264.0 | 15.6 | 15.5 | 1.6 | 304.6 | 314.1 | 4.7 | 48.9 | 7.3 | 67 |
| 9.2 | 31.3 | 2574.1 | 750.0 | 8.0 | -8.6 | 261.8 | 17.5 | 17.3 | 2.5 | 305.6 | 313.5 | 2.7 | 29.6 | 8.2 | 68 |
| 10.2 | 34.1 | 2853.3 | 725.0 | 7.5 | -19.7 | 267.2 | 18.7 | 18.6 | 0.9 | 307.9 | 311.4 | 1.1 | 12.4 | 9.3 | 70 |
| 11.3 | 36.8 | 3141.5 | 700.0 | 6.1 | -24.1 | 268.7 | 19.4 | 19.4 | 0.4 | 309.4 | 311.9 | 0.8 | 9.3 | 10.5 | 72 |
| 12.5 | 39.7 | 3437.9 | 675.0 | 3.7 | -16.0 | 260.8 | 20.5 | 20.2 | 2.3 | 309.9 | 315.1 | 1.7 | 22.5 | 11.8 | 74 |
| 13.9 | 42.4 | 3742.2 | 650.0 | 1.5 | -12.6 | 250.7 | 21.0 | 19.8 | 6.9 | 310.9 | 317.8 | 2.2 | 34.1 | 13.7 | 74 |
| 15.1 | 45.4 | 4057.2 | 625.0 | -1.7 | -12.3 | 244.4 | 18.6 | 16.8 | 2.0 | 310.2 | 316.3 | 2.4 | 45.1 | 15.2 | 73 |
| 16.3 | 48.2 | 4380.6 | 600.0 | -4.6 | -11.8 | 242.1 | 17.5 | 15.5 | 8.4 | 311.1 | 318.9 | 2.6 | 57.1 | 16.4 | 73 |
| 17.5 | 51.5 | 4713.8 | 575.0 | -7.9 | -13.1 | 244.5 | 19.4 | 17.5 | 8.4 | 311.0 | 318.4 | 2.4 | 66.2 | 17.7 | 72 |
| 18.9 | 54.8 | 5037.6 | 550.0 | -11.0 | -12.8 | 241.1 | 19.9 | 17.5 | 9.6 | 311.3 | 319.2 | 2.6 | 86.7 | 19.3 | 71 |
| 20.4 | 57.5 | 5413.9 | 525.0 | -12.9 | -15.1 | 238.0 | 23.2 | 19.7 | 12.3 | 313.2 | 320.2 | 2.3 | 83.6 | 21.1 | 70 |
| 21.9 | 61.3 | 5785.4 | 500.0 | -14.7 | -17.8 | 245.2 | 24.9 | 22.6 | 10.4 | 315.3 | 321.2 | 1.9 | 77.0 | 23.2 | 69 |
| 23.3 | 64.7 | 6172.0 | 475.0 | -17.2 | -23.1 | 246.4 | 20.7 | 19.0 | 6.3 | 316.7 | 320.8 | 1.2 | 59.9 | 25.2 | 67 |
| 24.7 | 68.1 | 6595.4 | 450.0 | -20.1 | -26.7 | 244.0 | 18.5 | 16.7 | 6.1 | 318.0 | 321.2 | 1.0 | 58.2 | 26.7 | 66 |
| 26.1 | 71.4 | 6996.6 | 425.0 | -23.5 | -28.6 | 246.7 | 24.3 | 22.8 | 2.5 | 319.0 | 321.8 | 0.8 | 62.3 | 28.6 | 65 |
| 27.8 | 75.3 | 7437.6 | 400.0 | -26.2 | -32.7 | 244.5 | 26.5 | 26.4 | 2.5 | 320.9 | 323.0 | 0.6 | 54.1 | 31.0 | 64 |
| 29.7 | 79.3 | 7901.3 | 375.0 | -29.4 | -34.1 | 248.3 | 25.1 | 25.1 | 0.8 | 322.6 | 324.6 | 0.6 | 53.4 | 34.3 | 71 |
| 31.7 | 83.2 | 8390.7 | 350.0 | -32.9 | -39.7 | 266.9 | 29.6 | 29.7 | 1.6 | 324.4 | 325.6 | 0.3 | 49.9 | 37.3 | 72 |
| 33.9 | 87.3 | 8907.6 | 325.0 | -37.1 | -43.7 | 276.6 | 21.8 | 21.7 | -2.5 | 325.5 | 326.3 | 0.2 | 49.7 | 40.5 | 74 |
| 36.1 | 91.8 | 9456.9 | 300.0 | -40.0 | 99.9 | 280.7 | 28.1 | 27.6 | -5.2 | 328.9 | 329.9 | 99.9 | 99.9 | 43.9 | 75 |
| 38.2 | 96.4 | 10045.1 | 275.0 | -44.6 | 99.9 | 285.9 | 21.4 | 20.6 | -5.9 | 330.6 | 330.9 | 99.9 | 99.9 | 46.1 | 77 |
| 40.5 | 101.2 | 10675.7 | 250.0 | -50.0 | 99.9 | 288.5 | 14.4 | 13.7 | -4.6 | 331.6 | 331.6 | 99.9 | 99.9 | 48.5 | 76 |
| 43.1 | 106.5 | 11337.0 | 225.0 | -54.8 | 99.9 | 287.0 | 10.6 | 10.1 | -3.1 | 334.6 | 334.6 | 99.9 | 99.9 | 50.4 | 76 |
| 45.8 | 112.0 | 12059.3 | 200.0 | -60.8 | 99.9 | 270.7 | 16.6 | 16.6 | -0.2 | 336.4 | 336.4 | 99.9 | 99.9 | 53.0 | 80 |
| 49.0 | 118.0 | 12916.4 | 175.0 | -66.3 | 99.9 | 279.5 | 24.9 | 24.5 | -4.1 | 340.6 | 340.6 | 99.9 | 99.9 | 57.3 | 81 |
| 52.3 | 124.7 | 13855.5 | 150.0 | -64.4 | 99.9 | 282.6 | 27.1 | 26.4 | -5.9 | 359.2 | 359.2 | 99.9 | 99.9 | 62.8 | 83 |
| 56.7 | 131.8 | 14975.3 | 125.0 | -63.2 | 99.9 | 273.5 | 31.4 | 31.4 | -1.9 | 380.5 | 380.5 | 99.9 | 99.9 | 70.1 | 85 |
| 61.4 | 139.3 | 16342.7 | 100.0 | -66.2 | 99.9 | 295.7 | 15.1 | 13.6 | -6.6 | 399.6 | 399.6 | 99.9 | 99.9 | 77.8 | 86 |
| 67.7 | 147.3 | 18070.5 | 75.0 | -69.2 | 99.9 | 272.7 | 5.7 | 5.7 | -0.3 | 427.9 | 427.9 | 99.9 | 99.9 | 81.6 | 87 |
| 74.2 | 156.0 | 20411.3 | 50.0 | -73.0 | 99.9 | 250.4 | 1.0 | 1.0 | 0.2 | 495.0 | 495.0 | 99.9 | 99.9 | 83.6 | 88 |
| 90.0 | 165.5 | 24932.6 | 25.0 | -82.1 | 99.9 | 53.9 | 7.4 | -6.0 | -4.4 | 635.0 | 635.0 | 99.9 | 99.9 | 82.9 | 90 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 232
BOOTHVILLE, LA
25 APRIL 1975
1115 GMT

| TIME MIN | CATCT | HEIGHT GFW | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 5.0 | 1016.0 | 1016.0 | 22.7 | 22.0 | 170.0 | 3.1 | -0.5 | 2.1 | 256.7 | 339.9 | 16.7 | 96.0 | 0.0 | 0. |
| 0.4 | 6.2 | 1000.0 | 1000.0 | 22.9 | 21.8 | 181.7 | 9.9 | 0.3 | 9.9 | 298.3 | 341.9 | 16.7 | 93.7 | 0.3 | 354. |
| 1.2 | 8.5 | 975.0 | 975.0 | 21.3 | 20.1 | 184.8 | 9.1 | 0.8 | 9.1 | 298.6 | 339.0 | 15.4 | 93.1 | 0.7 | 359. |
| 2.1 | 10.7 | 950.0 | 950.0 | 19.7 | 18.5 | 189.9 | 9.8 | 1.7 | 9.7 | 299.1 | 336.7 | 14.3 | 93.1 | 1.1 | 3. |
| 3.0 | 12.9 | 925.0 | 925.0 | 19.5 | 13.8 | 195.4 | 10.5 | 2.8 | 10.2 | 300.7 | 329.7 | 10.8 | 69.6 | 1.7 | 6. |
| 3.9 | 15.3 | 900.0 | 900.0 | 18.8 | 8.7 | 193.1 | 12.4 | 2.8 | 12.1 | 301.9 | 323.6 | 7.9 | 51.9 | 2.3 | 8. |
| 4.7 | 17.5 | 875.0 | 875.0 | 18.2 | 7.0 | 194.9 | 13.2 | 3.4 | 12.7 | 303.7 | 324.3 | 7.4 | 49.3 | 3.0 | 9. |
| 5.7 | 20.3 | 850.0 | 850.0 | 16.2 | 10.1 | 200.2 | 12.4 | 4.3 | 11.6 | 304.3 | 329.6 | 9.2 | 67.1 | 3.7 | 11. |
| 6.7 | 22.3 | 825.0 | 825.0 | 14.5 | 5.5 | 200.4 | 12.3 | 4.3 | 11.5 | 304.9 | 324.6 | 7.1 | 55.6 | 4.5 | 13. |
| 7.7 | 24.8 | 800.0 | 800.0 | 13.3 | 1.4 | 214.1 | 11.3 | 6.3 | 9.3 | 306.0 | 321.3 | 5.3 | 44.4 | 5.1 | 14. |
| 8.8 | 27.2 | 775.0 | 775.0 | 12.4 | -9.0 | 226.7 | 11.0 | 8.3 | 7.5 | 307.4 | 314.9 | 2.5 | 21.5 | 5.9 | 18. |
| 9.6 | 29.5 | 750.0 | 750.0 | 10.9 | -13.2 | 228.9 | 10.6 | 8.0 | 7.0 | 308.7 | 314.4 | 1.8 | 18.9 | 6.3 | 20. |
| 10.7 | 32.3 | 725.0 | 725.0 | 9.7 | -13.6 | 215.8 | 10.4 | 6.1 | 8.4 | 310.3 | 316.1 | 1.9 | 18.2 | 6.9 | 23. |
| 11.8 | 35.2 | 700.0 | 700.0 | 8.9 | -1.3 | 204.9 | 10.8 | 4.6 | 9.8 | 312.9 | 327.7 | 5.0 | 49.1 | 7.5 | 23. |
| 12.8 | 37.6 | 675.0 | 675.0 | 6.2 | -6.3 | 199.8 | 10.6 | 3.6 | 9.9 | 313.1 | 324.0 | 3.6 | 41.2 | 8.3 | 23. |
| 13.9 | 40.5 | 650.0 | 650.0 | 5.0 | -19.0 | 187.2 | 10.7 | 1.3 | 10.6 | 314.8 | 319.1 | 1.3 | 18.9 | 8.9 | 22. |
| 15.1 | 43.2 | 625.0 | 625.0 | 3.0 | -17.6 | 151.9 | 11.2 | 2.3 | 11.0 | 316.0 | 320.9 | 1.5 | 20.4 | 9.6 | 21. |
| 16.2 | 46.1 | 600.0 | 600.0 | 0.2 | -12.8 | 202.4 | 10.9 | 4.1 | 10.1 | 316.6 | 324.1 | 2.4 | 36.7 | 10.3 | 21. |
| 17.3 | 49.1 | 575.0 | 575.0 | -1.9 | -16.0 | 231.3 | 9.6 | 7.5 | 6.0 | 318.0 | 324.1 | 1.9 | 33.0 | 11.1 | 27. |
| 18.6 | 52.0 | 550.0 | 550.0 | -4.7 | -20.5 | 269.1 | 9.2 | 9.2 | 0.1 | 318.6 | 323.0 | 1.4 | 27.6 | 11.6 | 24. |
| 19.9 | 55.2 | 525.0 | 525.0 | -8.2 | -20.0 | 284.4 | 7.8 | 7.5 | -1.9 | 318.7 | 323.8 | 1.9 | 37.8 | 11.7 | 28. |
| 21.3 | 58.1 | 500.0 | 500.0 | -11.4 | -20.0 | 274.7 | 7.3 | 7.3 | -0.6 | 319.3 | 324.4 | 1.6 | 49.1 | 11.9 | 30. |
| 22.8 | 61.6 | 475.0 | 475.0 | -14.4 | -26.5 | 279.9 | 9.2 | 9.1 | -1.6 | 320.2 | 323.3 | 0.9 | 34.9 | 12.2 | 33. |
| 24.2 | 65.0 | 450.0 | 450.0 | -16.9 | -30.6 | 268.1 | 11.5 | 11.5 | 0.4 | 322.3 | 325.2 | 0.7 | 29.0 | 12.7 | 37. |
| 25.9 | 68.4 | 425.0 | 425.0 | -20.1 | -32.7 | 271.4 | 14.4 | 14.4 | -0.3 | 323.2 | 325.2 | 0.6 | 31.8 | 13.5 | 41. |
| 27.3 | 71.7 | 400.0 | 400.0 | -22.2 | -30.2 | 276.4 | 19.4 | 19.3 | -2.5 | 326.1 | 328.8 | 0.8 | 47.9 | 14.4 | 46. |
| 28.9 | 75.5 | 375.0 | 375.0 | -26.0 | -28.1 | 275.9 | 23.9 | 23.9 | -2.1 | 327.2 | 330.6 | 1.0 | 82.8 | 15.8 | 52. |
| 30.5 | 79.5 | 350.0 | 350.0 | -29.7 | -31.7 | 275.1 | 23.9 | 23.8 | -2.1 | 328.7 | 331.4 | 0.8 | 42.9 | 17.6 | 57. |
| 32.4 | 83.4 | 325.0 | 325.0 | -33.0 | -43.0 | 281.5 | 23.3 | 22.9 | -4.6 | 331.1 | 332.1 | 0.3 | 36.6 | 19.7 | 62. |
| 34.4 | 87.5 | 300.0 | 300.0 | -36.7 | -50.7 | 283.7 | 27.7 | 26.9 | -6.6 | 333.5 | 334.0 | 0.1 | 21.7 | 22.2 | 67. |
| 36.7 | 92.2 | 275.0 | 275.0 | -41.9 | -59.9 | 288.5 | 27.2 | 25.8 | -8.6 | 334.5 | 999.9 | 99.9 | 99.9 | 24.9 | 74. |
| 38.7 | 96.8 | 250.0 | 250.0 | -47.3 | 99.9 | 291.9 | 33.3 | 30.9 | -12.5 | 335.8 | 999.9 | 99.9 | 99.9 | 28.1 | 77. |
| 41.1 | 101.8 | 225.0 | 225.0 | -52.5 | 99.9 | 295.3 | 34.8 | 31.5 | -14.9 | 338.1 | 999.9 | 99.9 | 99.9 | 32.1 | 82. |
| 43.7 | 107.5 | 200.0 | 200.0 | -59.0 | 99.9 | 291.8 | 36.4 | 33.0 | -13.5 | 339.4 | 999.9 | 99.9 | 99.9 | 36.8 | 87. |
| 46.5 | 112.3 | 175.0 | 175.0 | -65.6 | 99.9 | 292.3 | 36.0 | 33.3 | -13.7 | 341.6 | 999.9 | 99.9 | 99.9 | 42.4 | 90. |
| 49.8 | 120.0 | 150.0 | 150.0 | -65.8 | 99.9 | 279.5 | 34.7 | 34.7 | -2.1 | 356.7 | 999.9 | 99.9 | 99.9 | 48.6 | 93. |
| 53.7 | 127.0 | 125.0 | 125.0 | -64.1 | 99.9 | 279.2 | 25.9 | 25.6 | -4.1 | 375.0 | 999.9 | 99.9 | 99.9 | 58.3 | 94. |
| 58.4 | 135.3 | 100.0 | 100.0 | -65.0 | 99.9 | 284.1 | 15.6 | 15.2 | -3.8 | 394.5 | 999.9 | 99.9 | 99.9 | 62.1 | 94. |
| 64.1 | 143.0 | 75.0 | 75.0 | -72.2 | 99.9 | 267.6 | 10.8 | 10.8 | 0.5 | 421.5 | 999.9 | 99.9 | 99.9 | 66.3 | 94. |
| 71.9 | 151.7 | 50.0 | 50.0 | -62.2 | 99.9 | 3.4 | 11.0 | -0.7 | -11.0 | 497.0 | 999.9 | 99.9 | 99.9 | 68.6 | 95. |
| 83.8 | 160.3 | 25.0 | 25.0 | -52.5 | 99.9 | 28.6 | 4.1 | -2.0 | -3.6 | 634.2 | 999.9 | 99.9 | 99.9 | 69.0 | 98. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME MAY BE INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 235
JACKSON, MISS25 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | 165 19.0 | 0 |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-------------|----|
| 0.0 | 4.3 | 100.0 | 1004.7 | 21.7 | 19.4 | 180.0 | 2.6 | 0.0 | 2.6 | 296.4 | 333.7 | 14.3 | 87.0 | 0.3 | 0.3 | 0 |
| 0.1 | 4.8 | 140.8 | 1000.0 | 21.2 | 19.4 | 222.6 | 6.4 | 4.3 | 4.7 | 256.3 | 333.8 | 14.4 | 89.6 | 0.1 | 0.1 | 9 |
| 1.0 | 6.0 | 365.9 | 975.0 | 20.8 | 19.9 | 228.7 | 9.5 | 7.1 | 6.3 | 237.9 | 337.9 | 15.2 | 94.4 | 0.4 | 0.4 | 35 |
| 1.7 | 5.0 | 585.2 | 950.0 | 19.7 | 18.7 | 233.1 | 12.3 | 9.8 | 7.4 | 299.1 | 337.3 | 14.5 | 94.0 | 0.6 | 0.6 | 44 |
| 2.4 | 11.1 | 816.7 | 925.0 | 18.6 | 17.4 | 234.0 | 14.8 | 12.0 | 8.7 | 300.2 | 336.5 | 13.7 | 93.1 | 1.4 | 1.4 | 49 |
| 3.2 | 13.4 | 1052.2 | 900.0 | 17.2 | 16.0 | 233.7 | 15.0 | 12.1 | 8.9 | 300.9 | 335.3 | 12.9 | 93.1 | 2.1 | 2.1 | 50 |
| 3.9 | 15.6 | 1262.7 | 875.0 | 16.3 | 6.9 | 231.2 | 15.4 | 13.5 | 7.4 | 301.7 | 321.8 | 7.3 | 55.0 | 2.4 | 2.4 | 51 |
| 4.7 | 18.0 | 1535.4 | 850.0 | 15.9 | 8.9 | 250.7 | 13.4 | 12.6 | 4.4 | 304.0 | 327.4 | 8.5 | 63.1 | 3.4 | 3.4 | 54 |
| 5.5 | 20.4 | 1752.9 | 825.0 | 14.4 | 7.4 | 250.6 | 13.7 | 12.9 | 4.5 | 306.9 | 326.8 | 7.9 | 62.6 | 4.1 | 4.1 | 57 |
| 6.4 | 22.8 | 2022.9 | 800.0 | 14.0 | 3.7 | 253.4 | 15.3 | 14.7 | 4.4 | 306.9 | 326.8 | 6.3 | 50.0 | 4.8 | 4.8 | 60 |
| 7.4 | 25.3 | 2320.1 | 775.0 | 12.4 | 0.2 | 251.0 | 17.0 | 16.0 | 5.5 | 307.8 | 324.3 | 5.0 | 43.2 | 5.7 | 5.7 | 62 |
| 8.6 | 27.9 | 2594.1 | 750.0 | 10.5 | -3.2 | 249.6 | 17.4 | 16.3 | 6.0 | 308.5 | 320.4 | 4.0 | 38.0 | 7.0 | 7.0 | 63 |
| 9.7 | 30.7 | 2875.4 | 725.0 | 9.0 | -8.8 | 259.3 | 16.4 | 16.1 | 3.1 | 309.7 | 317.9 | 2.7 | 27.3 | 8.1 | 8.1 | 64 |
| 10.6 | 33.3 | 3165.4 | 700.0 | 7.7 | -11.5 | 250.6 | 15.9 | 15.8 | 1.5 | 311.3 | 318.5 | 2.3 | 24.7 | 9.0 | 9.0 | 67 |
| 11.7 | 36.0 | 3463.5 | 675.0 | 5.6 | -11.5 | 250.6 | 15.1 | 14.3 | 5.0 | 312.2 | 319.5 | 2.4 | 27.9 | 9.9 | 9.9 | 64 |
| 12.5 | 39.3 | 3771.1 | 650.0 | 3.5 | -12.3 | 240.2 | 15.2 | 13.2 | 7.6 | 313.2 | 320.3 | 2.3 | 30.1 | 10.7 | 10.7 | 64 |
| 13.6 | 41.8 | 4046.0 | 625.0 | 0.6 | -13.4 | 234.1 | 16.0 | 13.0 | 9.4 | 313.4 | 320.1 | 2.2 | 33.9 | 11.6 | 11.6 | 67 |
| 14.7 | 44.9 | 4414.2 | 600.0 | -2.0 | -12.8 | 234.1 | 15.6 | 12.7 | 9.1 | 314.0 | 321.4 | 2.4 | 43.5 | 12.7 | 12.7 | 65 |
| 15.9 | 48.0 | 4751.2 | 575.0 | -4.3 | -12.4 | 240.8 | 17.7 | 15.5 | 8.7 | 315.2 | 323.1 | 2.6 | 53.0 | 13.8 | 13.8 | 65 |
| 17.2 | 51.1 | 5059.7 | 550.0 | -7.7 | -12.5 | 244.0 | 20.0 | 18.0 | 8.8 | 315.2 | 323.4 | 2.7 | 68.3 | 15.3 | 15.3 | 65 |
| 18.4 | 54.4 | 5450.7 | 525.0 | -10.9 | -13.2 | 241.6 | 19.6 | 17.3 | 9.3 | 315.6 | 323.7 | 2.6 | 82.8 | 16.9 | 16.9 | 65 |
| 19.7 | 57.7 | 5832.9 | 500.0 | -13.9 | -15.3 | 241.1 | 19.8 | 17.3 | 9.3 | 316.4 | 323.7 | 2.3 | 82.7 | 18.3 | 18.3 | 64 |
| 20.9 | 61.3 | 6220.8 | 475.0 | -16.7 | -16.9 | 245.1 | 22.2 | 20.1 | 9.3 | 317.5 | 324.3 | 2.1 | 97.9 | 19.8 | 19.8 | 64 |
| 22.2 | 65.1 | 6624.3 | 450.0 | -18.2 | -27.9 | 254.6 | 22.5 | 21.7 | 6.0 | 320.4 | 324.2 | 0.9 | 42.3 | 21.6 | 21.6 | 62 |
| 23.6 | 68.8 | 7050.2 | 425.0 | -21.7 | -31.4 | 254.3 | 22.9 | 22.0 | 4.2 | 321.1 | 323.3 | 0.6 | 40.8 | 23.5 | 23.5 | 65 |
| 25.2 | 72.7 | 7453.9 | 400.0 | -25.2 | -28.6 | 254.5 | 25.6 | 24.7 | 6.8 | 322.3 | 325.4 | 0.9 | 72.8 | 25.5 | 25.5 | 60 |
| 26.7 | 76.8 | 7960.7 | 375.0 | -27.9 | -31.5 | 257.6 | 27.0 | 26.4 | 5.8 | 324.7 | 327.2 | 0.7 | 71.0 | 28.2 | 28.2 | 67 |
| 28.3 | 81.0 | 8451.7 | 350.0 | -32.4 | -36.0 | 264.9 | 24.5 | 24.4 | 2.2 | 325.0 | 326.8 | 0.5 | 70.0 | 30.5 | 30.5 | 64 |
| 30.3 | 85.5 | 8971.6 | 325.0 | -35.3 | -48.2 | 265.6 | 28.4 | 28.4 | 0.2 | 327.9 | 328.5 | 0.2 | 26.3 | 33.2 | 33.2 | 70 |
| 32.4 | 90.2 | 9524.6 | 300.0 | -39.0 | 99.9 | 277.0 | 27.8 | 27.6 | -3.4 | 330.5 | 999.9 | 99.9 | 999.9 | 36.7 | 36.7 | 72 |
| 34.6 | 95.2 | 10115.6 | 275.0 | -43.6 | 99.9 | 274.6 | 25.8 | 25.7 | -2.1 | 332.0 | 999.9 | 99.9 | 999.9 | 40.2 | 40.2 | 74 |
| 36.9 | 100.3 | 10745.0 | 250.0 | -49.1 | 99.9 | 280.6 | 32.4 | 31.9 | -5.7 | 333.1 | 999.9 | 99.9 | 999.9 | 43.6 | 43.6 | 76 |
| 39.4 | 106.0 | 11432.2 | 225.0 | -54.6 | 99.9 | 289.1 | 28.0 | 26.5 | -9.2 | 334.6 | 999.9 | 99.9 | 999.9 | 47.4 | 47.4 | 74 |
| 41.9 | 111.5 | 12175.9 | 200.0 | -60.6 | 99.9 | 291.7 | 29.3 | 27.2 | -10.8 | 336.9 | 999.9 | 99.9 | 999.9 | 51.7 | 51.7 | 81 |
| 44.4 | 117.7 | 12993.3 | 175.0 | -66.6 | 99.9 | 282.4 | 37.9 | 37.0 | -8.1 | 340.0 | 999.9 | 99.9 | 999.9 | 56.3 | 56.3 | 83 |
| 47.9 | 124.8 | 13934.6 | 150.0 | -61.0 | 99.9 | 268.9 | 30.2 | 30.2 | 0.6 | 365.0 | 999.9 | 99.9 | 999.9 | 63.3 | 63.3 | 85 |
| 52.2 | 132.0 | 15065.1 | 125.0 | -63.0 | 99.9 | 257.0 | 21.7 | 19.4 | -9.9 | 380.9 | 999.9 | 99.9 | 999.9 | 70.2 | 70.2 | 87 |
| 57.0 | 139.7 | 16413.2 | 100.0 | -6.2 | 99.9 | 275.8 | 13.7 | 13.7 | -1.4 | 399.9 | 999.9 | 99.9 | 999.9 | 77.9 | 77.9 | 88 |
| 62.6 | 147.3 | 18161.3 | 75.0 | -66.2 | 99.9 | 303.0 | 3.7 | 3.1 | -20.2 | 434.3 | 999.9 | 99.9 | 999.9 | 82.6 | 82.6 | 84 |
| 71.4 | 156.3 | 23650.9 | 50.0 | -60.4 | 99.9 | 351.1 | 1.8 | 0.3 | -1.8 | 501.2 | 999.9 | 99.9 | 999.9 | 83.7 | 83.7 | 84 |
| 84.4 | 165.5 | 25050.0 | 25.0 | -49.9 | 99.9 | 6.3 | 7.6 | -0.8 | -7.6 | 641.5 | 999.9 | 99.9 | 999.9 | 82.9 | 82.9 | 91 |

* BY SPEC MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 240
LAKE CHARLES, LA

25 APRIL 1975
1115 GMT

149 49 0

| TIME MIN | CHTCT | WEIGHT GFM | PRES MB | TEMP DG C | GEN PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.0 | 5.0 | 1013.7 | 22.2 | 21.7 | 150.0 | 5.2 | -2.6 | 4.5 | 296.4 | 338.8 | 16.4 | 97.0 | 0.0 | 0 |
| 0.3 | 4.9 | 123.9 | 1000.2 | 22.0 | 21.2 | 176.2 | 10.0 | -0.7 | 10.0 | 297.3 | 339.2 | 16.1 | 95.3 | 0.2 | 340 |
| 1.1 | 6.8 | 344.2 | 975.0 | 20.4 | 19.2 | 181.1 | 11.2 | 0.2 | 11.2 | 297.6 | 339.6 | 14.5 | 92.9 | 0.7 | 353 |
| 2.1 | 8.9 | 568.8 | 950.0 | 18.8 | 17.4 | 192.4 | 9.4 | 2.4 | 9.1 | 298.0 | 339.1 | 13.3 | 91.9 | 1.3 | 360 |
| 2.4 | 10.9 | 758.7 | 925.0 | 19.1 | 15.6 | 201.2 | 6.3 | 2.3 | 5.8 | 300.5 | 333.0 | 12.2 | 80.2 | 1.6 | 4 |
| 3.7 | 13.0 | 1034.2 | 900.0 | 18.1 | 9.5 | 200.2 | 3.7 | 1.3 | 3.5 | 301.2 | 324.0 | 8.3 | 57.3 | 1.8 | 6 |
| 4.7 | 15.2 | 1275.5 | 875.0 | 17.0 | 7.8 | 214.2 | 0.8 | 3.8 | 5.6 | 302.5 | 323.5 | 7.6 | 54.7 | 2.1 | 9 |
| 5.6 | 17.3 | 1522.0 | 850.0 | 15.7 | -1.8 | 208.0 | 9.7 | 4.5 | 8.5 | 303.1 | 315.0 | 4.1 | 31.6 | 2.5 | 11 |
| 6.5 | 19.6 | 1775.0 | 825.0 | 14.5 | 3.5 | 202.6 | 10.3 | 4.0 | 9.5 | 303.7 | 321.6 | 6.0 | 47.5 | 3.1 | 15 |
| 7.5 | 21.8 | 2034.4 | 800.0 | 12.8 | 2.9 | 205.7 | 11.8 | 5.8 | 10.2 | 305.6 | 322.3 | 5.9 | 51.0 | 3.7 | 17 |
| 8.5 | 24.2 | 2300.4 | 775.0 | 11.7 | -6.9 | 211.0 | 13.8 | 7.1 | 11.8 | 308.8 | 315.6 | 2.9 | 26.5 | 4.5 | 19 |
| 9.5 | 26.4 | 2573.9 | 750.0 | 10.6 | -23.6 | 217.9 | 14.5 | 9.9 | 11.4 | 308.3 | 312.7 | 1.4 | 13.4 | 5.3 | 21 |
| 10.7 | 28.9 | 2855.3 | 725.0 | 9.8 | -43.9 | 226.8 | 14.7 | 10.7 | 10.1 | 310.3 | 310.6 | 0.1 | 1.0 | 6.3 | 23 |
| 11.7 | 31.5 | 3146.0 | 700.0 | 9.5 | -44.1 | 237.9 | 14.5 | 12.3 | 7.7 | 313.0 | 313.4 | 0.1 | 1.0 | 7.2 | 25 |
| 12.8 | 34.1 | 3446.3 | 675.0 | 7.7 | -43.3 | 255.0 | 12.1 | 11.7 | 3.1 | 314.3 | 314.8 | 0.2 | 1.5 | 7.3 | 27 |
| 13.9 | 36.5 | 3756.2 | 650.0 | 6.1 | -15.3 | 266.1 | 10.3 | 10.2 | 0.7 | 316.1 | 321.9 | 1.8 | 20.3 | 8.3 | 30 |
| 15.1 | 39.2 | 4076.0 | 625.0 | 3.7 | -11.6 | 267.7 | 10.5 | 10.5 | 0.4 | 317.0 | 324.9 | 2.5 | 31.7 | 8.8 | 32 |
| 16.3 | 41.3 | 4406.6 | 600.0 | 1.8 | -8.7 | 270.2 | 11.7 | 11.7 | -0.0 | 318.6 | 328.8 | 3.3 | 45.5 | 9.4 | 34 |
| 17.7 | 44.7 | 4748.1 | 575.0 | -1.7 | -8.9 | 270.9 | 11.6 | 11.8 | -0.2 | 318.4 | 328.9 | 3.4 | 57.8 | 10.0 | 36 |
| 18.9 | 47.6 | 5099.7 | 550.0 | -5.2 | -12.5 | 264.8 | 12.9 | 12.8 | 1.2 | 318.2 | 326.6 | 2.7 | 56.4 | 10.9 | 38 |
| 20.3 | 50.5 | 5463.2 | 525.0 | -8.3 | -17.5 | 268.7 | 13.1 | 13.1 | 0.3 | 318.7 | 324.6 | 1.8 | 47.2 | 11.6 | 40 |
| 21.6 | 53.6 | 5839.7 | 500.0 | -11.4 | -23.3 | 277.9 | 14.5 | 14.3 | -2.0 | 319.3 | 323.1 | 1.2 | 36.6 | 12.5 | 42 |
| 22.9 | 56.6 | 6231.0 | 475.0 | -14.1 | -47.3 | 271.7 | 16.2 | 16.2 | -0.5 | 320.5 | 321.3 | 0.3 | 9.3 | 13.4 | 44 |
| 24.2 | 59.9 | 6640.2 | 450.0 | -15.6 | -59.8 | 262.9 | 14.3 | 15.2 | 2.0 | 323.6 | 323.7 | 0.0 | 1.7 | 14.6 | 46 |
| 25.8 | 63.4 | 7068.4 | 425.0 | -18.8 | -61.9 | 266.7 | 16.7 | 15.6 | 1.0 | 324.8 | 324.8 | 0.0 | 1.7 | 16.1 | 48 |
| 27.5 | 66.7 | 7517.8 | 400.0 | -21.3 | -63.5 | 267.4 | 19.3 | 19.2 | 0.9 | 325.2 | 327.3 | 0.0 | 1.0 | 17.4 | 50 |
| 29.3 | 70.4 | 7990.9 | 375.0 | -24.7 | -50.7 | 263.4 | 23.2 | 23.1 | 2.7 | 325.9 | 329.5 | 0.2 | 12.0 | 20.0 | 52 |
| 31.2 | 74.2 | 8484.3 | 350.0 | -28.5 | -68.1 | 265.7 | 22.1 | 22.1 | 1.7 | 330.3 | 330.4 | 0.0 | 1.0 | 22.4 | 54 |
| 33.1 | 78.3 | 9017.0 | 325.0 | -32.2 | -70.6 | 273.8 | 24.0 | 23.9 | -1.6 | 332.3 | 332.3 | 0.0 | 1.0 | 24.9 | 56 |
| 35.0 | 82.3 | 9576.9 | 300.0 | -36.7 | -70.6 | 286.6 | 25.5 | 24.4 | -7.3 | 333.6 | 333.6 | 0.0 | 1.9 | 27.5 | 58 |
| 37.2 | 86.6 | 10173.0 | 275.0 | -41.7 | -58.9 | 285.9 | 27.9 | 26.8 | -7.6 | 334.9 | 334.9 | 99.9 | 99.9 | 30.4 | 60 |
| 39.6 | 91.4 | 10811.4 | 250.0 | -47.1 | -98.9 | 285.2 | 34.0 | 32.8 | -8.9 | 336.0 | 336.0 | 99.9 | 99.9 | 34.4 | 62 |
| 42.4 | 96.4 | 11499.8 | 225.0 | -52.7 | -98.3 | 288.1 | 32.3 | 30.7 | -10.0 | 337.7 | 337.7 | 99.9 | 99.9 | 39.2 | 64 |
| 45.1 | 101.8 | 12245.9 | 200.0 | -58.5 | -98.9 | 284.9 | 33.2 | 32.1 | -8.5 | 340.1 | 340.1 | 99.9 | 99.9 | 44.4 | 66 |
| 48.0 | 106.0 | 13076.9 | 175.0 | -65.7 | -98.9 | 286.5 | 35.2 | 33.7 | -10.0 | 341.5 | 341.5 | 99.9 | 99.9 | 50.0 | 68 |
| 51.3 | 114.7 | 14007.3 | 150.0 | -65.7 | -98.9 | 281.2 | 29.8 | 29.8 | -5.8 | 355.1 | 355.1 | 99.9 | 99.9 | 56.6 | 70 |
| 55.2 | 122.0 | 15112.1 | 125.0 | -65.9 | -98.9 | 276.4 | 29.5 | 29.3 | -3.3 | 375.6 | 375.6 | 99.9 | 99.9 | 63.5 | 72 |
| 60.1 | 131.0 | 16433.7 | 100.0 | -66.7 | -98.9 | 280.2 | 20.8 | 20.5 | -3.7 | 398.8 | 398.8 | 99.9 | 99.9 | 70.6 | 74 |
| 65.7 | 140.5 | 18195.1 | 75.0 | -65.2 | -98.9 | 311.4 | 9.3 | 7.0 | -6.1 | 430.2 | 430.2 | 99.9 | 99.9 | 78.0 | 76 |
| 74.0 | 151.5 | 20880.2 | 50.0 | -60.7 | -98.9 | 99.9 | 99.9 | 99.9 | 99.9 | 500.6 | 500.6 | 99.9 | 99.9 | 99.9 | 78 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

° BY SPEC MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 248
SHREVEPORT, LA28 APRIL 1975
1115 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP CG-C | DEW PT CG-C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/HC | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.2 | 79.0 | 1004.1 | 22.2 | 19.4 | 170.0 | 3.6 | -0.6 | 3.5 | 296.9 | 334.2 | 14.3 | 84.0 | 0.0 | 0 |
| 0.1 | 4.5 | 114.8 | 1000.0 | 22.2 | 19.7 | 180.7 | 6.2 | 0.1 | 6.2 | 297.4 | 335.7 | 14.7 | 85.6 | 0.1 | 354 |
| 0.6 | 6.3 | 335.0 | 975.0 | 21.7 | 20.4 | 150.3 | 10.7 | 1.9 | 10.6 | 297.1 | 340.3 | 15.7 | 92.5 | 0.4 | 354 |
| 1.4 | 8.3 | 561.6 | 950.0 | 20.3 | 19.1 | 203.5 | 12.2 | 4.8 | 11.1 | 296.8 | 338.9 | 14.8 | 92.7 | 0.9 | 5 |
| 2.2 | 10.3 | 792.4 | 925.0 | 19.1 | 17.9 | 215.4 | 15.0 | 6.7 | 12.2 | 300.8 | 338.3 | 14.1 | 92.6 | 1.5 | 16 |
| 3.0 | 12.3 | 1029.2 | 900.0 | 17.5 | 16.3 | 222.2 | 15.6 | 10.4 | 11.5 | 301.3 | 336.3 | 13.1 | 92.5 | 2.2 | 23 |
| 3.8 | 14.4 | 1265.6 | 875.0 | 17.7 | 13.1 | 239.8 | 17.1 | 14.8 | 8.6 | 303.6 | 333.3 | 10.9 | 74.8 | 2.3 | 30 |
| 4.6 | 16.3 | 1518.0 | 850.0 | 17.6 | 4.4 | 254.0 | 17.4 | 16.7 | 4.8 | 303.6 | 323.1 | 6.2 | 41.0 | 3.6 | 30 |
| 5.5 | 18.5 | 1772.6 | 825.0 | 15.9 | 4.3 | 253.7 | 17.1 | 16.4 | 4.8 | 306.3 | 324.4 | 6.4 | 46.4 | 4.3 | 45 |
| 6.3 | 20.7 | 2033.4 | 800.0 | 13.5 | 8.7 | 255.5 | 14.4 | 15.0 | 3.6 | 306.7 | 331.4 | 8.9 | 72.9 | 5.0 | 50 |
| 7.2 | 22.9 | 2300.2 | 775.0 | 11.2 | 9.3 | 260.1 | 11.2 | 11.0 | 1.9 | 307.2 | 334.8 | 10.0 | 91.4 | 5.6 | 53 |
| 8.0 | 25.2 | 2574.2 | 750.0 | 9.8 | 6.9 | 270.1 | 8.3 | 8.3 | -0.0 | 308.3 | 332.0 | 8.4 | 82.3 | 6.1 | 55 |
| 9.0 | 27.5 | 2856.0 | 725.0 | 8.4 | 5.7 | 270.9 | 7.5 | 7.0 | -2.7 | 309.8 | 332.5 | 8.0 | 83.1 | 6.3 | 58 |
| 9.6 | 29.9 | 3145.5 | 700.0 | 6.2 | 4.1 | 291.4 | 9.0 | 8.4 | -3.3 | 310.3 | 331.4 | 7.4 | 86.4 | 6.4 | 61 |
| 10.7 | 32.4 | 3443.6 | 675.0 | 4.7 | 0.7 | 275.9 | 9.5 | 9.4 | -1.0 | 311.7 | 329.2 | 6.0 | 75.3 | 6.4 | 64 |
| 11.6 | 35.0 | 3750.6 | 650.0 | 2.3 | -1.2 | 222.9 | 12.0 | 11.9 | 1.5 | 312.3 | 328.2 | 5.4 | 77.7 | 7.4 | 65 |
| 12.4 | 37.3 | 4066.5 | 625.0 | -0.3 | -4.2 | 256.2 | 14.7 | 14.4 | 2.8 | 312.6 | 326.2 | 4.6 | 76.5 | 8.1 | 67 |
| 13.6 | 40.1 | 4392.3 | 600.0 | -0.2 | -29.5 | 251.3 | 17.0 | 16.1 | 5.5 | 315.9 | 317.7 | 0.5 | 8.7 | 9.2 | 68 |
| 14.7 | 42.6 | 4731.7 | 575.0 | -3.4 | -31.2 | 251.9 | 18.1 | 17.2 | 5.6 | 316.0 | 317.7 | 0.5 | 9.6 | 10.3 | 69 |
| 15.4 | 45.4 | 5081.7 | 550.0 | -5.4 | -34.4 | 256.3 | 18.5 | 17.9 | 4.4 | 317.7 | 315.5 | 0.2 | 17.4 | 11.5 | 70 |
| 16.9 | 48.4 | 5444.5 | 525.0 | -8.4 | -40.4 | 261.4 | 19.5 | 19.3 | 2.9 | 318.3 | 319.1 | 0.2 | 5.5 | 12.9 | 71 |
| 18.1 | 51.1 | 5820.9 | 500.0 | -11.2 | -44.3 | 262.0 | 20.3 | 20.1 | 2.4 | 319.3 | 319.9 | 0.1 | 4.5 | 14.2 | 71 |
| 19.3 | 54.3 | 6213.0 | 475.0 | -13.6 | -43.2 | 266.8 | 20.0 | 20.0 | 1.1 | 321.3 | 322.0 | 0.2 | 6.0 | 15.6 | 72 |
| 20.5 | 57.3 | 6621.9 | 450.0 | -15.6 | -48.3 | 270.1 | 20.3 | 20.3 | -0.0 | 323.3 | 323.7 | 0.1 | 4.2 | 17.1 | 73 |
| 22.0 | 60.6 | 7050.6 | 425.0 | -18.6 | -48.2 | 271.6 | 20.2 | 20.2 | -0.6 | 324.8 | 325.3 | 0.1 | 5.4 | 18.3 | 75 |
| 23.0 | 64.1 | 7498.8 | 400.0 | -22.6 | -50.5 | 271.3 | 24.4 | 24.2 | -0.5 | 325.6 | 325.9 | 0.1 | 5.8 | 20.4 | 77 |
| 25.0 | 67.4 | 7968.8 | 375.0 | -26.3 | -52.8 | 276.7 | 23.5 | 23.4 | -2.8 | 326.7 | 327.0 | 0.1 | 6.2 | 22.6 | 78 |
| 26.6 | 71.0 | 8464.6 | 350.0 | -29.3 | -54.6 | 280.1 | 25.3 | 24.9 | -4.4 | 329.2 | 329.5 | 0.1 | 6.5 | 24.9 | 80 |
| 28.2 | 75.0 | 8990.0 | 325.0 | -33.2 | -57.2 | 282.0 | 26.1 | 25.5 | -5.4 | 330.8 | 331.0 | 0.0 | 6.9 | 27.2 | 82 |
| 30.0 | 79.2 | 9547.1 | 300.0 | -37.9 | -60.2 | 283.5 | 28.0 | 27.2 | -6.5 | 332.1 | 332.2 | 0.0 | 7.4 | 29.3 | 84 |
| 31.8 | 83.4 | 10141.5 | 275.0 | -42.2 | -64.9 | 284.4 | 30.5 | 29.6 | -7.6 | 334.2 | 334.9 | 0.0 | 99.9 | 33.0 | 86 |
| 33.7 | 87.8 | 10779.3 | 250.0 | -47.5 | -69.9 | 289.6 | 33.8 | 31.9 | -11.3 | 335.5 | 335.9 | 0.0 | 99.9 | 36.4 | 88 |
| 36.0 | 92.6 | 11465.8 | 225.0 | -53.3 | -74.9 | 289.0 | 37.4 | 35.3 | -12.2 | 336.9 | 336.9 | 0.0 | 99.9 | 41.1 | 90 |
| 38.4 | 98.2 | 12214.2 | 200.0 | -59.3 | -79.9 | 285.9 | 39.4 | 38.1 | -10.8 | 338.8 | 338.8 | 0.0 | 99.9 | 46.3 | 91 |
| 41.0 | 103.8 | 13037.3 | 175.0 | -65.3 | -84.9 | 283.7 | 41.8 | 40.6 | -9.9 | 340.2 | 340.2 | 0.0 | 99.9 | 52.5 | 93 |
| 44.4 | 110.3 | 13963.6 | 150.0 | -66.0 | -89.9 | 276.8 | 35.6 | 35.4 | -4.2 | 350.5 | 350.5 | 0.0 | 99.9 | 59.8 | 95 |
| 48.1 | 117.3 | 15077.9 | 125.0 | -62.9 | -94.9 | 274.2 | 36.3 | 36.2 | -2.6 | 381.2 | 381.2 | 0.0 | 99.9 | 67.4 | 96 |
| 53.2 | 124.0 | 16442.0 | 100.0 | -66.8 | -99.3 | 275.1 | 25.9 | 25.8 | -2.3 | 398.7 | 398.7 | 0.0 | 99.9 | 74.4 | 95 |
| 59.1 | 136.0 | 18187.2 | 75.0 | -65.5 | -99.9 | 320.3 | 9.0 | 5.7 | -8.9 | 427.1 | 427.1 | 0.0 | 99.9 | 79.3 | 96 |
| 67.1 | 140.5 | 20669.6 | 50.0 | -59.7 | -99.9 | 335.3 | 3.9 | 1.4 | -3.1 | 502.9 | 502.9 | 0.0 | 99.9 | 81.4 | 97 |
| 79.3 | 158.5 | 25065.4 | 25.0 | -52.1 | -99.9 | 33.7 | 3.8 | -2.1 | -3.2 | 635.0 | 635.0 | 0.0 | 99.9 | 82.0 | 100 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION, PAGE IS

STATION NO. 255
VICTORIA, TER25 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 0.2 | 33.0 | 1007.4 | 23.9 | 21.6 | 170.0 | 5.2 | -0.9 | 5.1 | 298.8 | 341.4 | 16.4 | 87.0 | 0.0 | 0. |
| 0.2 | 4.8 | 57.8 | 1000.0 | 23.4 | 21.6 | 999.9 | 99.9 | 99.9 | 99.9 | 298.8 | 342.0 | 16.5 | 89.5 | 999.9 | 999. |
| 0.9 | 8.6 | 319.5 | 975.0 | 22.1 | 21.1 | 999.9 | 99.9 | 99.9 | 99.9 | 299.6 | 342.7 | 16.4 | 94.3 | 999.9 | 999. |
| 1.6 | 2.9 | 545.7 | 950.0 | 20.8 | 19.7 | 999.9 | 99.9 | 99.9 | 99.9 | 300.4 | 341.2 | 15.5 | 93.8 | 999.9 | 999. |
| 2.4 | 10.8 | 776.8 | 925.0 | 19.3 | 18.1 | 190.4 | 13.3 | 2.4 | 13.0 | 301.0 | 338.9 | 14.3 | 92.4 | 1.6 | 355. |
| 3.2 | 13.0 | 1013.5 | 900.0 | 21.3 | 7.1 | 194.4 | 17.7 | 4.4 | 17.2 | 304.4 | 324.2 | 7.1 | 39.9 | 2.3 | 2. |
| 3.9 | 15.2 | 1237.2 | 875.0 | 19.9 | 7.7 | 198.2 | 17.6 | 4.3 | 17.1 | 305.5 | 326.7 | 7.6 | 45.1 | 3.1 | 5. |
| 4.9 | 17.4 | 1506.2 | 850.0 | 17.4 | 8.5 | 189.9 | 16.2 | 2.8 | 15.9 | 305.5 | 328.4 | 8.2 | 55.8 | 4.0 | 7. |
| 5.7 | 19.9 | 1763.5 | 825.0 | 15.6 | 5.1 | 190.2 | 14.5 | 2.6 | 14.3 | 306.0 | 325.0 | 6.7 | 49.6 | 4.8 | 7. |
| 6.7 | 22.3 | 2021.2 | 800.0 | 15.3 | -15.3 | 207.7 | 12.1 | 5.6 | 10.8 | 307.6 | 312.2 | 1.5 | 10.7 | 5.6 | 9. |
| 7.6 | 24.4 | 2290.7 | 775.0 | 16.8 | -39.6 | 220.3 | 8.2 | 5.3 | 6.3 | 311.9 | 312.5 | 0.2 | 1.0 | 6.1 | 11. |
| 8.6 | 26.8 | 2559.0 | 750.0 | 16.5 | -39.5 | 241.6 | 6.6 | 5.8 | 3.1 | 314.5 | 315.1 | 0.2 | 1.0 | 6.4 | 13. |
| 9.5 | 29.3 | 2855.7 | 725.0 | 14.4 | -30.2 | 275.9 | 4.9 | 4.9 | -0.5 | 315.3 | 316.9 | 0.5 | 3.3 | 6.4 | 14. |
| 10.5 | 32.3 | 3149.4 | 700.0 | 11.5 | -17.8 | 308.0 | 4.2 | 3.3 | -2.6 | 315.3 | 314.7 | 1.3 | 11.1 | 6.5 | 14. |
| 11.6 | 34.7 | 3455.3 | 675.0 | 9.1 | - | 286.7 | 4.0 | 3.9 | -1.2 | 316.2 | 326.1 | 3.2 | 30.2 | 6.4 | 20. |
| 12.6 | 37.2 | 3763.8 | 650.0 | 7.5 | -22.0 | 267.0 | 5.9 | 5.9 | 0.3 | 317.5 | 320.9 | 1.0 | 10.5 | 6.6 | 22. |
| 13.7 | 40.1 | 4085.0 | 625.0 | 4.8 | -21.9 | 278.3 | 8.9 | 8.8 | -1.3 | 318.0 | 321.5 | 1.1 | 12.3 | 6.7 | 26. |
| 14.8 | 42.8 | 4418.1 | 600.0 | 2.3 | -23.2 | 275.3 | 10.8 | 10.8 | -1.0 | 318.9 | 322.1 | 1.0 | 13.1 | 6.9 | 32. |
| 15.9 | 45.8 | 4755.0 | 575.0 | -0.4 | -27.0 | 269.4 | 11.3 | 11.3 | 0.1 | 319.5 | 322.0 | 0.7 | 11.2 | 7.3 | 37. |
| 17.1 | 49.9 | 5110.9 | 550.0 | -3.8 | -28.5 | 270.4 | 12.0 | 12.0 | -0.1 | 319.6 | 321.8 | 0.7 | 12.5 | 7.9 | 42. |
| 18.4 | 51.3 | 5476.0 | 525.0 | -7.0 | -26.7 | 267.7 | 15.2 | 15.1 | 0.6 | 320.1 | 322.8 | 0.8 | 18.9 | 8.6 | 46. |
| 19.7 | 55.0 | 5856.2 | 500.0 | -9.9 | -29.8 | 255.3 | 19.3 | 19.2 | 1.6 | 321.0 | 323.2 | 0.6 | 17.7 | 9.6 | 52. |
| 21.0 | 58.0 | 6246.7 | 475.0 | -11.7 | -25.6 | 255.8 | 20.1 | 20.1 | 1.5 | 323.5 | 326.9 | 1.0 | 30.3 | 11.0 | 57. |
| 22.5 | 61.4 | 6681.8 | 450.0 | -13.6 | -30.6 | 275.2 | 18.8 | 18.6 | -3.0 | 326.1 | 328.4 | 0.7 | 22.4 | 12.4 | 61. |
| 24.0 | 65.0 | 7093.2 | 425.0 | -17.3 | -23.2 | 274.8 | 21.0 | 20.9 | -1.8 | 326.9 | 331.6 | 1.4 | 60.0 | 13.9 | 65. |
| 25.5 | 68.6 | 7555.7 | 400.0 | -20.3 | -27.4 | 276.1 | 19.4 | 19.3 | -2.1 | 328.7 | 332.2 | 1.0 | 52.5 | 15.4 | 67. |
| 27.2 | 72.2 | 8050.2 | 375.0 | -24.2 | -28.2 | 275.6 | 22.3 | 22.2 | -2.2 | 329.6 | 333.1 | 1.0 | 69.1 | 17.3 | 71. |
| 28.7 | 76.3 | 8520.2 | 350.0 | -27.7 | -34.7 | 276.0 | 22.3 | 22.2 | -2.3 | 331.3 | 333.4 | 0.6 | 51.2 | 19.4 | 74. |
| 30.4 | 80.4 | 9049.6 | 325.0 | -31.2 | -41.4 | 276.5 | 21.5 | 21.4 | -2.4 | 331.7 | 334.6 | 0.3 | 35.4 | 21.4 | 77. |
| 32.3 | 84.3 | 9610.7 | 300.0 | -36.5 | -46.2 | 274.4 | 22.7 | 22.6 | -1.7 | 333.9 | 334.6 | 0.2 | 35.3 | 23.7 | 79. |
| 34.4 | 89.4 | 10207.1 | 275.0 | -41.9 | 96.9 | 276.6 | 22.8 | 22.7 | -2.6 | 334.6 | 339.9 | 99.9 | 99.9 | 26.4 | 80. |
| 36.5 | 94.5 | 10845.1 | 250.0 | -47.5 | 99.9 | 279.1 | 24.6 | 24.3 | -3.9 | 335.4 | 399.9 | 99.9 | 99.9 | 29.3 | 82. |
| 38.6 | 99.6 | 11531.8 | 225.0 | -53.8 | 99.9 | 279.3 | 23.4 | 23.1 | -3.6 | 336.0 | 399.9 | 99.9 | 99.9 | 32.4 | 84. |
| 41.3 | 105.3 | 12277.1 | 200.0 | -59.9 | 99.9 | 278.9 | 28.5 | 28.3 | -2.9 | 338.0 | 399.9 | 99.9 | 99.9 | 36.1 | 85. |
| 44.0 | 111.3 | 13101.1 | 175.0 | -65.0 | 99.9 | 286.9 | 27.5 | 26.3 | -8.0 | 342.7 | 399.9 | 99.9 | 99.9 | 40.9 | 87. |
| 47.3 | 118.3 | 14031.9 | 150.0 | -66.9 | 99.9 | 283.7 | 27.8 | 27.0 | -6.6 | 344.8 | 399.9 | 99.9 | 99.9 | 46.2 | 89. |
| 50.8 | 126.0 | 15130.7 | 125.0 | -68.9 | 99.9 | 271.8 | 31.4 | 31.4 | -1.0 | 370.2 | 399.9 | 99.9 | 99.9 | 51.5 | 90. |
| 55.6 | 135.0 | 16416.3 | 100.0 | -70.1 | 99.9 | 269.0 | 15.9 | 15.9 | 0.3 | 392.4 | 399.9 | 99.9 | 99.9 | 57.8 | 90. |
| 61.4 | 143.7 | 17186.7 | 75.0 | -70.8 | 99.9 | 277.6 | 10.1 | 9.0 | -1.3 | 426.4 | 399.9 | 99.9 | 99.9 | 62.4 | 90. |
| 68.4 | 154.0 | 20544.0 | 50.0 | -61.8 | 99.9 | 288.8 | 1.6 | 1.5 | -0.5 | 497.8 | 399.9 | 99.9 | 99.9 | 63.5 | 91. |
| 81.0 | 164.7 | 25073.6 | 25.0 | -51.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 635.9 | 399.9 | 99.9 | 99.9 | 999.9 | 999. |

* BY SPEED ALANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 260
STEPHENVILLE, TEX
25 APRIL 1975
1115 GMT

| TIME MIN | CATCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | CIN DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTD GM/SEC | RH PC7 | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|-------------|----------|
| 0.0 | 9.3 | 399.0 | 903.8 | 18.0 | 15.6 | 180.0 | 5.2 | 0.0 | 5.2 | 255.8 | 326.4 | 11.7 | 86.0 | 0.0 | 0 |
| 99.9 | 99.9 | 59.9 | 1000.0 | 99.9 | 99.9 | 59.9 | 99.9 | 99.9 | 59.9 | 59.9 | 59.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 59.9 | 975.0 | 99.9 | 99.9 | 59.9 | 99.9 | 99.9 | 99.9 | 59.9 | 59.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.6 | 10.5 | 523.7 | 950.0 | 19.6 | 18.1 | 207.6 | 13.7 | 6.3 | 12.1 | 299.0 | 335.6 | 13.9 | 90.5 | 0.2 | 15 |
| 1.6 | 12.9 | 754.7 | 925.0 | 22.0 | 12.9 | 218.2 | 16.2 | 10.0 | 12.7 | 303.8 | 331.8 | 10.3 | 90.5 | 0.2 | 15 |
| 2.4 | 15.3 | 593.7 | 900.0 | 22.7 | 12.6 | 227.5 | 11.4 | 6.4 | 7.7 | 306.3 | 334.6 | 10.3 | 52.8 | 1.8 | 35 |
| 3.4 | 17.9 | 1238.6 | 875.0 | 21.3 | 10.3 | 250.3 | 7.2 | 6.8 | 2.4 | 307.2 | 332.4 | 9.1 | 49.4 | 2.3 | 40 |
| 6.3 | 22.3 | 1489.6 | 850.0 | 20.8 | -1.1 | 266.1 | 4.0 | 4.0 | 0.3 | 308.6 | 322.0 | 4.6 | 25.4 | 2.5 | 44 |
| 5.1 | 22.9 | 1746.5 | 825.0 | 19.3 | -9.0 | 273.2 | 1.7 | 1.7 | -0.1 | 309.3 | 317.5 | 2.4 | 13.9 | 2.6 | 46 |
| 6.1 | 25.4 | 2139.4 | 800.0 | 16.7 | -7.2 | 282.0 | 0.0 | 0.0 | 0.0 | 309.3 | 317.7 | 2.8 | 18.7 | 2.6 | 47 |
| 7.0 | 28.9 | 2278.0 | 775.0 | 14.2 | -9.7 | 284.1 | 1.6 | 1.1 | 1.1 | 309.4 | 316.6 | 2.4 | 18.1 | 2.6 | 47 |
| 7.9 | 30.9 | 2533.2 | 750.0 | 11.9 | -17.8 | 282.4 | 2.7 | 2.7 | 0.4 | 309.6 | 313.6 | 1.3 | 10.8 | 2.8 | 48 |
| 8.4 | 31.6 | 2835.2 | 725.0 | 9.2 | -18.4 | 273.9 | 3.6 | 3.6 | -0.2 | 309.7 | 313.6 | 1.2 | 12.3 | 2.9 | 50 |
| 9.7 | 36.1 | 3124.2 | 700.0 | 7.1 | -23.3 | 283.2 | 6.5 | 6.3 | -1.5 | 310.4 | 313.1 | 0.8 | 9.3 | 3.1 | 53 |
| 10.7 | 39.0 | 3422.1 | 675.0 | 6.1 | -27.3 | 275.9 | 9.7 | 9.6 | -1.7 | 312.5 | 314.5 | 0.6 | 6.9 | 3.4 | 60 |
| 11.7 | 41.8 | 3729.6 | 650.0 | 3.4 | -25.8 | 268.0 | 10.3 | 10.3 | 0.4 | 312.6 | 315.2 | 0.7 | 9.0 | 3.7 | 65 |
| 12.7 | 44.9 | 4045.6 | 625.0 | 0.5 | -25.6 | 249.0 | 11.0 | 10.3 | 3.9 | 313.0 | 315.5 | 0.8 | 11.9 | 4.5 | 67 |
| 13.6 | 47.9 | 4371.5 | 600.0 | -1.9 | -25.7 | 237.6 | 12.4 | 10.5 | 6.7 | 314.0 | 316.5 | 0.8 | 14.1 | 5.3 | 66 |
| 14.9 | 51.9 | 4708.4 | 575.0 | -3.5 | -48.6 | 235.6 | 9.8 | 8.1 | 5.6 | 315.9 | 316.3 | 0.1 | 2.1 | 6.1 | 65 |
| 16.0 | 58.0 | 5058.5 | 550.0 | -5.4 | -53.3 | 254.4 | 7.8 | 7.5 | 2.1 | 317.6 | 317.8 | 0.0 | 1.0 | 6.6 | 64 |
| 17.1 | 57.1 | 5421.4 | 525.0 | -8.1 | -55.0 | 242.1 | 8.5 | 8.4 | 1.2 | 318.7 | 318.9 | 0.0 | 1.0 | 7.2 | 66 |
| 18.3 | 60.6 | 5799.0 | 500.0 | -10.1 | -58.3 | 263.8 | 10.1 | 10.0 | 1.1 | 320.7 | 320.9 | 0.0 | 1.0 | 7.8 | 77 |
| 19.6 | 65.3 | 6132.0 | 475.0 | -12.9 | -60.3 | 269.4 | 14.1 | 14.1 | 0.2 | 321.9 | 322.0 | 0.0 | 1.0 | 8.6 | 69 |
| 20.9 | 67.7 | 6501.4 | 450.0 | -16.4 | -62.5 | 266.9 | 16.7 | 16.7 | 0.9 | 323.6 | 323.7 | 0.0 | 1.0 | 10.7 | 73 |
| 22.2 | 71.3 | 7028.4 | 425.0 | -19.7 | -62.5 | 266.9 | 16.7 | 16.7 | 0.9 | 323.6 | 323.7 | 0.0 | 1.0 | 12.4 | 74 |
| 23.6 | 75.2 | 7474.7 | 400.0 | -23.7 | -63.0 | 266.9 | 19.9 | 19.9 | 1.1 | 324.1 | 324.1 | 0.0 | 1.0 | 14.6 | 77 |
| 25.6 | 79.3 | 7943.2 | 375.0 | -28.8 | -63.4 | 274.3 | 20.5 | 20.5 | -0.8 | 326.1 | 326.2 | 0.0 | 1.3 | 16.6 | 79 |
| 27.5 | 83.3 | 8437.1 | 350.0 | -30.7 | -65.9 | 271.1 | 20.8 | 20.8 | -0.4 | 327.2 | 327.3 | 0.0 | 1.7 | 18.9 | 80 |
| 29.7 | 87.6 | 8958.7 | 325.0 | -34.8 | -67.2 | 268.3 | 24.6 | 24.6 | 0.7 | 328.6 | 328.6 | 0.0 | 2.1 | 19.9 | 80 |
| 32.1 | 92.2 | 9513.5 | 300.0 | -38.7 | -68.6 | 274.5 | 27.6 | 27.6 | -2.2 | 330.8 | 331.2 | 0.1 | 21.1 | 23.5 | 82 |
| 34.1 | 96.9 | 10164.9 | 275.0 | -43.7 | -69.9 | 274.7 | 31.5 | 31.5 | -0.9 | 331.9 | 331.9 | 99.9 | 99.9 | 27.2 | 84 |
| 36.8 | 101.8 | 10737.7 | 250.0 | -49.2 | -69.9 | 274.3 | 36.9 | 36.8 | -2.7 | 332.9 | 332.9 | 99.9 | 99.9 | 32.4 | 85 |
| 39.9 | 107.3 | 11420.2 | 225.0 | -54.7 | -69.9 | 281.6 | 32.6 | 31.9 | -6.6 | 334.7 | 334.7 | 99.9 | 99.9 | 38.3 | 87 |
| 43.1 | 112.6 | 12162.1 | 200.0 | -61.1 | -69.9 | 278.2 | 35.7 | 35.5 | -3.3 | 336.0 | 336.0 | 99.9 | 99.9 | 45.5 | 89 |
| 46.3 | 119.3 | 12976.5 | 175.0 | -67.7 | -69.9 | 278.2 | 38.3 | 37.8 | -6.2 | 338.2 | 338.2 | 99.9 | 99.9 | 52.0 | 90 |
| 50.9 | 126.0 | 13910.3 | 150.0 | -65.9 | -69.9 | 274.0 | 25.7 | 25.6 | -0.9 | 356.6 | 356.6 | 99.9 | 99.9 | 60.4 | 91 |
| 55.8 | 133.3 | 15023.3 | 125.0 | -65.7 | -69.9 | 265.0 | 26.1 | 26.0 | -2.3 | 376.0 | 376.0 | 99.9 | 99.9 | 68.8 | 90 |
| 62.1 | 141.2 | 16378.0 | 100.0 | -66.1 | -69.9 | 281.6 | 19.2 | 18.8 | -3.9 | 400.0 | 400.0 | 99.9 | 99.9 | 78.1 | 90 |
| 69.7 | 148.7 | 18116.3 | 75.0 | -63.2 | -69.9 | 89.0 | 5.8 | 5.8 | -0.6 | 440.4 | 440.4 | 99.9 | 99.9 | 86.0 | 91 |
| 80.8 | 157.3 | 20626.4 | 50.0 | -58.6 | -69.9 | 278.0 | 7.7 | 7.7 | -0.5 | 505.6 | 505.6 | 99.9 | 99.9 | 85.2 | 91 |
| 99.9 | 99.9 | 99.9 | 25.0 | -59.9 | -69.9 | 99.9 | 99.9 | 99.9 | 59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |

° BY SOLED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 261
DEL RIO, TEX25 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT CG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.9 | 314.0 | 972.0 | 21.7 | 18.9 | 100.0 | 4.6 | -4.5 | 0.8 | 299.2 | 336.9 | 14.3 | 84.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.7 | 10.3 | 512.8 | 950.0 | 20.9 | 17.3 | 126.6 | 12.0 | -9.6 | 7.2 | 300.2 | 335.3 | 13.2 | 79.7 | 0.4 | 243. |
| 1.6 | 13.3 | 743.9 | 925.0 | 20.0 | 14.8 | 150.9 | 11.1 | -5.4 | 9.7 | 301.4 | 332.4 | 11.6 | 71.9 | 1.0 | 307. |
| 2.5 | 15.7 | 980.6 | 900.0 | 19.6 | 14.1 | 172.9 | 10.0 | -1.2 | 9.9 | 303.2 | 333.9 | 11.3 | 70.5 | 1.4 | 321. |
| 3.3 | 18.1 | 1224.6 | 875.0 | 21.9 | 13.1 | 171.0 | 7.1 | -1.0 | 7.0 | 308.0 | 338.3 | 10.9 | 57.6 | 1.9 | 325. |
| 4.2 | 20.5 | 1476.3 | 850.0 | 20.8 | 9.4 | 167.4 | 7.4 | -1.6 | 7.2 | 309.2 | 334.0 | 8.8 | 48.0 | 2.2 | 332. |
| 5.2 | 23.1 | 1734.2 | 825.0 | 20.3 | 2.7 | 153.9 | 6.1 | -3.5 | 7.2 | 310.8 | 327.2 | 5.7 | 31.2 | 2.6 | 338. |
| 6.1 | 25.6 | 1999.2 | 800.0 | 19.3 | -0.1 | 136.8 | 5.7 | -3.9 | 4.3 | 312.4 | 326.4 | 4.7 | 27.0 | 3.0 | 333. |
| 7.1 | 28.2 | 2271.2 | 775.0 | 18.2 | -1.9 | 156.3 | 4.2 | -1.6 | 3.9 | 313.9 | 327.1 | 4.4 | 26.2 | 3.3 | 332. |
| 8.0 | 31.0 | 2550.8 | 750.0 | 16.3 | -2.3 | 202.4 | 4.9 | 1.9 | 4.5 | 314.8 | 327.7 | 4.3 | 27.6 | 3.5 | 316. |
| 9.2 | 33.9 | 2838.0 | 725.0 | 14.2 | -9.5 | 220.5 | 5.0 | 3.9 | 4.5 | 315.3 | 323.3 | 2.6 | 18.5 | 3.7 | 316. |
| 10.1 | 36.4 | 3132.6 | 700.0 | 12.1 | -16.7 | 238.8 | 5.9 | 5.0 | 3.1 | 316.1 | 320.9 | 1.5 | 11.7 | 3.9 | 344. |
| 11.1 | 39.3 | 3435.7 | 675.0 | 10.0 | -20.2 | 253.3 | 7.1 | 8.3 | 1.3 | 317.0 | 320.7 | 1.1 | 10.0 | 3.9 | 350. |
| 12.2 | 42.1 | 3747.3 | 650.0 | 7.2 | -21.2 | 264.7 | 8.3 | 9.0 | 0.8 | 317.2 | 320.6 | 1.0 | 12.4 | 3.9 | 6. |
| 13.1 | 45.1 | 4057.6 | 625.0 | 4.0 | -22.1 | 266.0 | 9.0 | 10.6 | 0.6 | 317.1 | 320.6 | 1.0 | 15.3 | 4.1 | 15. |
| 14.5 | 48.3 | 4357.3 | 600.0 | 0.9 | -22.5 | 265.2 | 10.6 | 10.6 | 0.9 | 317.3 | 320.7 | 1.0 | 19.6 | 4.6 | 26. |
| 15.7 | 51.1 | 4737.8 | 575.0 | -1.1 | -21.3 | 256.7 | 15.0 | 14.6 | 3.5 | 318.2 | 322.8 | 1.2 | 19.6 | 4.6 | 26. |
| 16.9 | 54.3 | 5090.4 | 550.0 | -4.1 | -19.7 | 253.3 | 17.0 | 16.5 | 4.3 | 319.4 | 324.2 | 1.5 | 28.4 | 5.4 | 36. |
| 18.2 | 57.4 | 5455.3 | 525.0 | -7.2 | -17.0 | 253.6 | 17.8 | 17.1 | 5.0 | 320.4 | 326.2 | 1.9 | 45.4 | 6.5 | 43. |
| 19.5 | 60.3 | 5833.1 | 500.0 | -10.5 | -20.7 | 259.3 | 15.6 | 15.4 | 2.9 | 320.4 | 325.2 | 1.5 | 42.7 | 7.7 | 44. |
| 20.9 | 63.3 | 6225.8 | 475.0 | -13.8 | -22.0 | 249.5 | 14.4 | 13.5 | 5.0 | 321.1 | 325.6 | 1.4 | 49.4 | 8.4 | 52. |
| 22.3 | 67.7 | 6635.3 | 450.0 | -16.1 | -21.0 | 252.0 | 14.0 | 13.3 | 4.3 | 323.2 | 328.4 | 1.6 | 65.9 | 9.9 | 54. |
| 23.6 | 71.1 | 7061.7 | 425.0 | -18.5 | -26.1 | 262.4 | 15.4 | 15.3 | 2.0 | 325.3 | 324.9 | 1.1 | 52.2 | 11.1 | 56. |
| 25.3 | 75.3 | 7513.4 | 400.0 | -21.5 | -24.9 | 266.0 | 19.4 | 19.4 | 1.4 | 327.1 | 331.4 | 1.3 | 73.6 | 12.5 | 61. |
| 26.6 | 78.3 | 7965.5 | 375.0 | -25.4 | -30.1 | 262.9 | 20.7 | 20.6 | 2.6 | 328.0 | 330.9 | 0.8 | 64.6 | 14.2 | 63. |
| 28.3 | 82.8 | 8483.1 | 350.0 | -28.7 | -35.4 | 266.1 | 20.8 | 20.7 | 1.4 | 330.0 | 331.9 | 0.5 | 52.5 | 16.1 | 66. |
| 30.1 | 87.0 | 9009.1 | 325.0 | -33.1 | -40.2 | 265.9 | 22.2 | 22.2 | 0.0 | 331.0 | 332.3 | 0.3 | 42.8 | 18.2 | 69. |
| 31.6 | 91.4 | 9566.4 | 300.0 | -38.0 | -42.8 | 268.2 | 23.7 | 23.4 | 3.2 | 331.2 | 332.9 | 0.3 | 59.9 | 20.3 | 71. |
| 33.8 | 96.3 | 10155.1 | 275.0 | -42.8 | 99.9 | 266.9 | 24.5 | 24.5 | 1.3 | 333.3 | 339.9 | 99.9 | 99.9 | 23.2 | 72. |
| 35.9 | 105.7 | 10795.1 | 250.0 | -48.2 | 59.9 | 265.3 | 27.7 | 27.6 | 0.3 | 334.4 | 339.9 | 99.9 | 99.9 | 26.4 | 74. |
| 38.1 | 105.7 | 11480.0 | 225.0 | -54.1 | 99.9 | 271.8 | 27.7 | 27.7 | -0.9 | 335.7 | 339.9 | 99.9 | 99.9 | 30.3 | 76. |
| 40.6 | 111.3 | 12225.7 | 200.0 | -59.8 | 99.9 | 271.8 | 33.4 | 33.4 | 0.2 | 336.1 | 339.9 | 99.9 | 99.9 | 34.1 | 78. |
| 43.1 | 117.0 | 13047.4 | 175.0 | -66.4 | 99.9 | 279.4 | 34.0 | 33.5 | -5.6 | 340.3 | 339.9 | 99.9 | 99.9 | 39.2 | 80. |
| 46.3 | 124.0 | 13988.5 | 150.0 | -69.5 | 99.9 | 274.1 | 34.3 | 32.2 | -2.3 | 350.3 | 339.9 | 99.9 | 99.9 | 45.2 | 82. |
| 50.1 | 131.3 | 15065.6 | 125.0 | -67.1 | 99.9 | 267.0 | 25.8 | 25.4 | 1.4 | 371.4 | 339.9 | 99.9 | 99.9 | 51.6 | 83. |
| 54.9 | 138.0 | 16124.4 | 100.0 | -70.2 | 99.9 | 261.8 | 18.3 | 18.1 | 2.6 | 372.1 | 339.9 | 99.9 | 99.9 | 56.9 | 84. |
| 60.4 | 147.0 | 18101.5 | 75.0 | -70.4 | 99.9 | 290.5 | 7.7 | 7.2 | -2.7 | 425.3 | 339.9 | 99.9 | 99.9 | 61.6 | 86. |
| 63.5 | 150.5 | 20377.7 | 50.0 | -60.5 | 99.9 | 2.2 | 7.6 | -0.3 | -7.6 | 501.1 | 339.9 | 99.9 | 99.9 | 62.4 | 86. |
| 80.5 | 166.5 | 24582.2 | 25.0 | -53.2 | 99.9 | 15.4 | 8.2 | -1.6 | -6.0 | 632.1 | 339.9 | 99.9 | 99.9 | 62.6 | 86. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS

STATION NO. 265
MIDLAND, TEX25 APRIL 1975
1115 GMT

| TIME MIN | CNCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | CIR CG | SPEED K/SEC | U COMP M/SEC | V COMP M/SEC | POT T DJ K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.2 | 12.0 | 873.0 | 911.3 | 12.8 | 7.3 | 330.0 | 1.0 | 0.5 | -0.9 | 254.6 | 313.5 | 7.1 | 69.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 12.9 | 979.6 | 900.0 | 19.7 | 15.4 | 999.0 | 99.9 | 99.9 | 99.9 | 303.5 | 337.3 | 12.5 | 76.2 | 999.9 | 99.9 |
| 1.4 | 15.2 | 1224.1 | 875.0 | 20.8 | 13.9 | 999.0 | 99.9 | 99.9 | 99.9 | 307.0 | 338.7 | 11.5 | 64.6 | 999.9 | 99.9 |
| 2.3 | 17.3 | 1475.4 | 850.0 | 21.2 | 6.7 | 182.0 | 8.3 | 0.3 | 2.3 | 309.3 | 330.0 | 7.3 | 39.0 | 1.4 | 10. |
| 3.2 | 16.0 | 1723.1 | 825.0 | 19.6 | 3.4 | 182.0 | 6.3 | 0.3 | 2.3 | 310.2 | 327.4 | 6.0 | 34.3 | 1.4 | 9. |
| 4.2 | 21.7 | 1996.9 | 800.0 | 17.9 | -6.7 | 172.2 | 5.2 | -0.3 | 5.2 | 310.6 | 319.4 | 2.9 | 18.1 | 2.4 | 7. |
| 5.2 | 24.2 | 2262.9 | 775.0 | 15.7 | -7.5 | 152.9 | 3.9 | 1.1 | 3.9 | 311.1 | 319.6 | 2.9 | 18.1 | 2.4 | 7. |
| 6.2 | 26.4 | 2547.7 | 750.0 | 13.3 | -9.6 | 225.7 | 5.2 | 3.9 | 3.9 | 311.4 | 319.6 | 2.9 | 18.1 | 2.4 | 7. |
| 7.2 | 28.9 | 2927.6 | 725.0 | 11.5 | -12.5 | 255.4 | 8.7 | 8.4 | 2.2 | 311.4 | 319.6 | 2.9 | 18.1 | 2.4 | 7. |
| 8.3 | 31.4 | 3119.4 | 700.0 | 9.2 | -13.8 | 272.0 | 10.5 | 10.5 | -0.4 | 312.9 | 318.7 | 1.9 | 18.1 | 3.3 | 2.0 |
| 9.4 | 34.3 | 3415.0 | 675.0 | 6.7 | -14.3 | 272.0 | 12.1 | 12.1 | -0.4 | 313.4 | 319.2 | 1.9 | 18.1 | 3.3 | 2.0 |
| 10.5 | 36.5 | 3727.6 | 650.0 | 4.6 | -16.3 | 272.0 | 14.2 | 14.2 | 1.0 | 314.4 | 317.6 | 1.6 | 20.2 | 4.1 | 4.0 |
| 11.7 | 39.2 | 4045.7 | 625.0 | 2.4 | -18.3 | 256.3 | 16.4 | 16.0 | 3.3 | 315.3 | 320.0 | 1.4 | 19.9 | 5.2 | 5.1 |
| 12.4 | 41.6 | 4373.6 | 600.0 | -0.4 | -21.2 | 256.3 | 17.3 | 16.5 | 5.2 | 315.8 | 319.6 | 1.2 | 18.9 | 6.1 | 5.7 |
| 13.2 | 44.7 | 4712.6 | 575.0 | -2.3 | -22.6 | 250.2 | 18.0 | 15.0 | 5.4 | 317.4 | 320.6 | 1.1 | 18.2 | 7.5 | 5.0 |
| 14.2 | 47.5 | 5065.2 | 550.0 | -3.3 | -26.3 | 250.2 | 19.3 | 13.0 | 2.8 | 320.2 | 322.5 | 0.7 | 12.3 | 8.5 | 6.1 |
| 15.2 | 50.4 | 5431.0 | 525.0 | -6.1 | -30.8 | 246.6 | 11.7 | 11.6 | 1.1 | 321.1 | 323.0 | 0.6 | 12.0 | 9.4 | 6.1 |
| 16.5 | 53.4 | 5810.4 | 500.0 | -9.4 | -33.2 | 250.6 | 12.0 | 11.6 | 2.7 | 321.6 | 323.2 | 0.5 | 12.3 | 10.3 | 6.1 |
| 17.9 | 56.3 | 6204.5 | 475.0 | -12.7 | -35.5 | 250.6 | 13.5 | 12.9 | 4.1 | 322.3 | 323.7 | 0.4 | 12.6 | 11.4 | 6.0 |
| 19.3 | 59.4 | 6614.7 | 450.0 | -15.7 | -37.8 | 251.7 | 14.7 | 14.7 | 4.6 | 323.4 | 324.6 | 0.3 | 12.0 | 12.7 | 6.1 |
| 20.8 | 62.9 | 7042.8 | 425.0 | -19.1 | -39.7 | 250.1 | 17.3 | 16.2 | 5.9 | 324.7 | 325.5 | 0.3 | 14.1 | 14.2 | 6.1 |
| 24.3 | 66.1 | 7491.1 | 400.0 | -22.5 | -41.6 | 250.2 | 18.2 | 17.2 | 6.2 | 325.1 | 326.7 | 0.2 | 15.6 | 16.1 | 6.1 |
| 25.9 | 69.7 | 7961.2 | 375.0 | -26.5 | -43.7 | 250.3 | 18.2 | 17.5 | 4.9 | 327.8 | 328.6 | 0.2 | 15.6 | 17.5 | 6.1 |
| 27.7 | 73.2 | 8455.7 | 350.0 | -30.3 | -45.7 | 254.5 | 22.0 | 21.2 | 5.9 | 327.8 | 328.6 | 0.2 | 15.6 | 18.0 | 6.1 |
| 29.6 | 77.2 | 8979.8 | 325.0 | -33.9 | -47.5 | 260.2 | 22.4 | 22.1 | 3.8 | 329.9 | 331.5 | 0.5 | 15.6 | 19.1 | 6.1 |
| 31.5 | 81.0 | 9535.0 | 300.0 | -38.5 | -41.5 | 257.5 | 24.6 | 24.0 | 5.3 | 331.1 | 332.3 | 0.5 | 15.6 | 20.3 | 7.1 |
| 33.5 | 85.3 | 10126.7 | 275.0 | -43.6 | -45.9 | 256.4 | 28.1 | 27.7 | 4.9 | 332.1 | 333.5 | 0.5 | 15.6 | 21.5 | 7.1 |
| 35.7 | 89.8 | 10760.0 | 250.0 | -49.1 | -49.9 | 263.1 | 32.5 | 32.3 | 3.1 | 333.1 | 334.6 | 0.5 | 15.6 | 22.7 | 7.1 |
| 38.1 | 94.6 | 11442.4 | 225.0 | -54.7 | -54.7 | 267.4 | 33.9 | 33.9 | 1.5 | 334.6 | 335.9 | 0.5 | 15.6 | 23.9 | 7.1 |
| 40.8 | 99.5 | 12125.8 | 200.0 | -61.1 | -59.9 | 272.7 | 40.5 | 40.4 | -1.0 | 336.0 | 337.3 | 0.5 | 15.6 | 25.1 | 7.1 |
| 44.0 | 105.3 | 13004.2 | 175.0 | -66.1 | -66.1 | 272.7 | 40.5 | 40.4 | -1.0 | 336.0 | 337.3 | 0.5 | 15.6 | 26.3 | 7.1 |
| 47.5 | 111.3 | 13934.9 | 150.0 | -67.5 | -67.5 | 272.7 | 40.5 | 40.4 | -1.0 | 336.0 | 337.3 | 0.5 | 15.6 | 27.5 | 7.1 |
| 51.9 | 118.3 | 15039.7 | 125.0 | -65.2 | -65.2 | 272.7 | 40.5 | 40.4 | -1.0 | 336.0 | 337.3 | 0.5 | 15.6 | 28.7 | 7.1 |
| 57.0 | 126.0 | 16355.9 | 100.0 | -65.2 | -65.2 | 272.7 | 40.5 | 40.4 | -1.0 | 336.0 | 337.3 | 0.5 | 15.6 | 29.9 | 7.1 |
| 63.4 | 135.3 | 18134.8 | 75.0 | -67.5 | -67.5 | 272.7 | 40.5 | 40.4 | -1.0 | 336.0 | 337.3 | 0.5 | 15.6 | 31.1 | 7.1 |
| 72.4 | 144.7 | 20624.8 | 50.0 | -50.3 | -50.3 | 272.7 | 40.5 | 40.4 | -1.0 | 336.0 | 337.3 | 0.5 | 15.6 | 32.3 | 7.1 |
| 86.9 | 152.5 | 25031.0 | 25.0 | -51.1 | -51.1 | 272.7 | 40.5 | 40.4 | -1.0 | 336.0 | 337.3 | 0.5 | 15.6 | 33.5 | 7.1 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 304
MATTERS. NC

25 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GEN | PRES MB | TEMP DG C | DRW PT DG C | DIR DG | S-ED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD GN/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|---------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.5 | 4.0 | 1010.6 | 19.6 | 17.4 | 240.0 | 7.2 | 6.2 | 3.6 | 293.0 | 325.0 | 12.4 | 87.0 | 0.0 | 0. |
| 0.5 | 5.9 | 146.4 | 1000.0 | 19.6 | 17.3 | 270.3 | 18.4 | 18.4 | -0.1 | 294.6 | 327.3 | 12.6 | 85.8 | 0.9 | 25. |
| 1.3 | 7.9 | 368.9 | 975.0 | 19.0 | 14.0 | 240.4 | 24.2 | 21.1 | 12.0 | 295.7 | 324.5 | 10.9 | 76.6 | 1.6 | 49. |
| 2.1 | 10.1 | 588.1 | 950.0 | 17.9 | 12.5 | 237.9 | 23.4 | 19.8 | 12.4 | 296.6 | 322.2 | 9.6 | 70.5 | 2.8 | 52. |
| 2.8 | 12.1 | 816.1 | 925.0 | 17.4 | 13.5 | 231.3 | 22.9 | 21.6 | 7.3 | 298.5 | 326.3 | 10.6 | 77.9 | 3.8 | 55. |
| 3.6 | 14.3 | 1050.2 | 900.0 | 15.9 | 12.7 | 233.9 | 20.9 | 20.8 | 2.2 | 299.3 | 327.1 | 10.4 | 81.4 | 4.7 | 60. |
| 4.3 | 16.4 | 1290.1 | 875.0 | 14.1 | 12.9 | 273.9 | 18.0 | 18.0 | -0.3 | 299.9 | 329.7 | 10.8 | 82.5 | 5.5 | 64. |
| 5.1 | 18.6 | 1544.8 | 850.0 | 12.6 | 11.4 | 274.4 | 16.4 | 16.4 | -1.3 | 300.6 | 327.8 | 10.1 | 92.0 | 6.2 | 66. |
| 5.9 | 20.8 | 1783.5 | 825.0 | 11.2 | 10.0 | 276.6 | 12.2 | 12.1 | -1.4 | 301.7 | 327.2 | 9.4 | 92.0 | 6.9 | 72. |
| 6.8 | 23.2 | 2042.5 | 800.0 | 9.6 | 7.9 | 266.2 | 12.9 | 12.0 | 0.8 | 302.6 | 325.7 | 8.4 | 85.0 | 7.5 | 72. |
| 7.6 | 25.5 | 2306.0 | 775.0 | 7.8 | 6.3 | 262.4 | 11.9 | 11.8 | 1.6 | 303.2 | 324.7 | 7.8 | 90.0 | 8.1 | 75. |
| 8.5 | 27.8 | 2575.9 | 750.0 | 5.6 | 4.5 | 265.0 | 11.7 | 11.6 | 1.0 | 303.6 | 323.3 | 7.1 | 92.4 | 8.6 | 74. |
| 9.3 | 30.3 | 2822.8 | 725.0 | 3.7 | 2.5 | 267.4 | 13.3 | 13.2 | 0.6 | 304.3 | 322.2 | 6.4 | 92.3 | 9.3 | 74. |
| 10.2 | 32.9 | 3137.6 | 700.0 | 2.4 | 0.8 | 269.2 | 14.3 | 14.3 | 0.2 | 305.9 | 322.4 | 5.8 | 88.9 | 10.0 | 75. |
| 11.0 | 35.3 | 3431.3 | 675.0 | 0.9 | -3.4 | 265.4 | 14.1 | 14.1 | 0.9 | 307.2 | 320.1 | 4.4 | 73.4 | 10.7 | 76. |
| 12.0 | 37.8 | 3734.1 | 650.0 | -0.5 | -8.7 | 263.2 | 14.2 | 14.1 | 1.7 | 308.8 | 318.7 | 3.1 | 58.1 | 11.5 | 77. |
| 12.9 | 40.5 | 4047.2 | 625.0 | -1.8 | -14.5 | 263.9 | 16.0 | 16.0 | 0.0 | 310.6 | 316.7 | 2.0 | 37.3 | 12.3 | 77. |
| 13.9 | 43.1 | 4370.7 | 600.0 | -3.1 | -18.3 | 273.1 | 19.1 | 19.1 | -1.0 | 312.7 | 317.4 | 1.5 | 29.7 | 13.4 | 74. |
| 15.1 | 46.0 | 4706.3 | 575.0 | -5.7 | -13.9 | 265.8 | 19.2 | 19.1 | 1.4 | 313.6 | 320.7 | 2.3 | 25.3 | 13.6 | 80. |
| 16.2 | 48.9 | 5053.7 | 550.0 | -6.9 | -10.1 | 268.7 | 15.0 | 15.0 | 0.3 | 315.9 | 317.9 | 0.6 | 14.3 | 15.9 | 80. |
| 17.4 | 51.2 | 5414.1 | 525.0 | -8.1 | -8.5 | 260.8 | 10.3 | 9.6 | -3.7 | 318.6 | 314.0 | 0.1 | 2.2 | 16.7 | 81. |
| 18.6 | 54.8 | 5792.6 | 500.0 | -11.0 | -43.3 | 257.7 | 13.4 | 11.9 | -6.2 | 319.6 | 320.2 | 0.2 | 4.9 | 17.3 | 93. |
| 19.7 | 57.0 | 6183.8 | 475.0 | -14.5 | -43.9 | 304.7 | 14.1 | 11.6 | -8.0 | 320.0 | 320.6 | 0.2 | 6.3 | 18.1 | 64. |
| 21.0 | 61.0 | 6590.6 | 450.0 | -17.9 | -41.2 | 303.3 | 15.5 | 12.9 | -8.5 | 320.7 | 321.5 | 0.2 | 10.9 | 19.0 | 87. |
| 22.3 | 64.4 | 7015.6 | 425.0 | -20.7 | -43.7 | 258.4 | 12.7 | 11.2 | -6.0 | 322.4 | 323.1 | 0.2 | 10.5 | 19.5 | 89. |
| 23.7 | 67.7 | 7450.8 | 400.0 | -24.0 | -46.6 | 292.3 | 9.8 | 9.1 | -3.7 | 323.8 | 324.3 | 0.1 | 10.2 | 20.4 | 90. |
| 25.1 | 71.1 | 7828.3 | 375.0 | -27.8 | -53.3 | 298.1 | 8.1 | 7.2 | -3.8 | 324.7 | 325.0 | 0.1 | 8.9 | 21.4 | 91. |
| 26.5 | 74.9 | 8420.0 | 350.0 | -31.9 | -54.1 | 298.1 | 9.0 | 8.3 | -3.5 | 325.6 | 325.9 | 0.1 | 16.7 | 23.1 | 91. |
| 28.1 | 78.9 | 8635.8 | 325.0 | -36.2 | -52.5 | 286.7 | 12.8 | 12.2 | -3.7 | 326.7 | 327.1 | 0.1 | 49.4 | 24.5 | 93. |
| 29.8 | 82.7 | 9489.7 | 300.0 | -39.9 | -59.9 | 292.8 | 18.8 | 17.3 | -7.3 | 329.0 | 997.9 | 99.9 | 99.9 | 26.6 | 91. |
| 31.6 | 87.0 | 10077.5 | 275.0 | -45.2 | 99.9 | 293.3 | 17.1 | 15.7 | -6.8 | 324.8 | 997.9 | 99.9 | 99.9 | 28.3 | 94. |
| 33.4 | 91.6 | 10766.6 | 250.0 | -50.7 | 99.9 | 293.5 | 14.9 | 13.4 | -6.4 | 330.7 | 999.9 | 99.9 | 99.9 | 30.0 | 97. |
| 35.5 | 96.4 | 11383.4 | 225.0 | -56.7 | 99.9 | 302.5 | 20.4 | 17.2 | -11.0 | 331.7 | 999.9 | 99.9 | 99.9 | 30.0 | 97. |
| 37.6 | 101.6 | 12120.0 | 200.0 | -61.5 | 99.9 | 308.9 | 99.9 | 99.9 | 99.9 | 335.8 | 999.9 | 99.9 | 99.9 | 30.0 | 97. |
| 39.0 | 107.5 | 12939.1 | 175.0 | -66.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 30.0 | 97. |
| 40.9 | 113.5 | 13839.1 | 150.0 | -71.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 30.0 | 97. |
| 42.9 | 119.5 | 14839.1 | 125.0 | -77.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 30.0 | 97. |
| 44.9 | 125.5 | 15839.1 | 100.0 | -82.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 30.0 | 97. |
| 46.9 | 131.5 | 16839.1 | 75.0 | -87.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 30.0 | 97. |
| 48.9 | 137.5 | 17839.1 | 50.0 | -92.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 30.0 | 97. |
| 50.9 | 143.5 | 18839.1 | 25.0 | -97.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 30.0 | 97. |
| 52.9 | 149.5 | 19839.1 | 0.0 | -102.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 30.0 | 97. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 311
ATHENS, GA

25 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 01.0 | 7.0 | 245.0 | 988.2 | 17.6 | 17.6 | 210.0 | 3.2 | 1.6 | 2.8 | 293.5 | 326.9 | 13.0 | 100.0 | 0.0 | 0. |
| 09.9 | 99.9 | 45.9 | 1005.0 | 97.9 | 97.9 | 99.9 | 99.9 | 99.9 | 49.9 | 49.9 | 97.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 04.4 | 8.2 | 361.5 | 975.0 | 17.6 | 17.6 | 248.2 | 11.7 | 10.8 | 4.3 | 294.6 | 328.2 | 13.0 | 98.9 | 0.3 | 48. |
| 1.2 | 10.4 | 584.3 | 950.0 | 17.1 | 16.9 | 256.3 | 12.8 | 12.4 | 3.3 | 294.6 | 328.2 | 13.0 | 98.9 | 0.3 | 48. |
| 2.1 | 12.6 | 612.2 | 925.0 | 15.6 | 15.3 | 261.0 | 15.4 | 15.2 | 2.4 | 294.6 | 328.2 | 13.0 | 98.9 | 0.3 | 48. |
| 3.2 | 15.0 | 1044.7 | 900.0 | 13.5 | 13.8 | 260.0 | 16.1 | 15.9 | 2.0 | 294.6 | 328.2 | 13.0 | 98.9 | 0.3 | 48. |
| 4.0 | 17.1 | 1282.7 | 875.0 | 13.2 | 13.0 | 256.7 | 17.7 | 17.2 | 4.1 | 298.7 | 322.5 | 8.9 | 81.1 | 3.4 | 76. |
| 4.9 | 19.6 | 1527.5 | 850.0 | 13.3 | 9.8 | 257.2 | 14.3 | 13.9 | 3.2 | 301.2 | 323.7 | 9.0 | 79.3 | 4.2 | 76. |
| 5.9 | 21.9 | 1778.8 | 825.0 | 12.0 | 9.7 | 254.3 | 13.3 | 12.9 | 3.6 | 302.3 | 323.0 | 7.5 | 70.1 | 4.1 | 77. |
| 7.0 | 24.4 | 2036.2 | 800.0 | 10.2 | 6.2 | 237.5 | 13.2 | 11.1 | 7.1 | 303.0 | 323.7 | 7.5 | 70.1 | 4.1 | 77. |
| 9.0 | 26.7 | 2300.2 | 775.0 | 8.7 | 4.2 | 228.2 | 12.7 | 9.5 | 6.5 | 304.0 | 323.8 | 6.7 | 73.5 | 5.4 | 75. |
| 9.9 | 29.3 | 2570.6 | 750.0 | 6.1 | 2.0 | 230.2 | 13.2 | 10.1 | 6.5 | 304.0 | 323.7 | 5.9 | 73.5 | 5.4 | 75. |
| 10.1 | 32.3 | 2848.2 | 725.0 | 5.2 | -2.9 | 240.5 | 14.0 | 13.1 | 7.4 | 305.7 | 319.1 | 4.3 | 55.8 | 9.2 | 48. |
| 11.2 | 34.7 | 3134.6 | 700.0 | 4.5 | -14.3 | 252.5 | 18.3 | 17.4 | 5.3 | 307.7 | 313.2 | 1.8 | 24.0 | 9.2 | 48. |
| 12.3 | 37.2 | 3430.2 | 675.0 | 3.8 | -21.0 | 256.6 | 19.4 | 18.9 | 4.5 | 310.1 | 311.5 | 1.1 | 14.2 | 10.5 | 49. |
| 13.3 | 40.1 | 3736.3 | 650.0 | 2.8 | -17.1 | 255.6 | 19.6 | 19.0 | 4.9 | 312.3 | 317.1 | 1.5 | 21.5 | 11.0 | 70. |
| 14.5 | 42.7 | 4032.4 | 625.0 | 0.3 | -15.2 | 255.4 | 19.0 | 18.4 | 4.8 | 313.0 | 318.8 | 1.9 | 10.3 | 13.0 | 70. |
| 15.0 | 45.6 | 4378.0 | 600.0 | -2.6 | -14.3 | 259.1 | 17.3 | 17.0 | 3.3 | 313.3 | 317.9 | 2.1 | 47.3 | 14.3 | 71. |
| 16.9 | 48.0 | 4713.8 | 575.0 | -5.5 | -15.2 | 261.7 | 19.5 | 19.3 | 2.8 | 313.8 | 320.2 | 2.0 | 46.2 | 15.6 | 72. |
| 19.2 | 51.5 | 5061.0 | 550.0 | -8.4 | -14.1 | 260.2 | 21.3 | 21.0 | 3.6 | 314.4 | 320.6 | 2.0 | 53.2 | 17.3 | 73. |
| 19.6 | 54.3 | 5415.7 | 525.0 | -11.9 | -21.2 | 256.3 | 21.4 | 20.8 | 5.1 | 314.2 | 318.5 | 1.3 | 46.1 | 19.0 | 73. |
| 21.1 | 57.8 | 5790.9 | 500.0 | -15.3 | -20.4 | 258.0 | 21.1 | 20.6 | 4.4 | 314.2 | 316.7 | 0.7 | 28.7 | 20.9 | 73. |
| 22.5 | 61.0 | 6176.3 | 475.0 | -18.1 | -34.5 | 264.5 | 22.2 | 22.1 | 2.1 | 315.5 | 317.0 | 0.4 | 22.1 | 22.8 | 74. |
| 24.0 | 64.4 | 6580.2 | 450.0 | -18.9 | -41.9 | 261.7 | 21.0 | 20.7 | 3.0 | 314.4 | 319.5 | 0.0 | 1.0 | 24.6 | 75. |
| 25.4 | 67.6 | 7003.9 | 425.0 | -21.2 | -43.4 | 262.6 | 19.6 | 19.5 | 2.2 | 311.7 | 321.8 | 0.0 | 1.0 | 24.6 | 75. |
| 27.0 | 70.3 | 7448.2 | 400.0 | -24.6 | -45.6 | 267.9 | 21.4 | 21.4 | 0.1 | 313.0 | 323.1 | 0.0 | 1.0 | 24.3 | 76. |
| 28.7 | 74.7 | 7915.1 | 375.0 | -27.8 | -47.7 | 271.1 | 22.1 | 22.1 | -0.4 | 324.7 | 324.4 | 0.0 | 1.0 | 33.3 | 77. |
| 30.3 | 78.0 | 8406.5 | 350.0 | -32.2 | -43.4 | 275.3 | 26.1 | 26.0 | -2.4 | 325.3 | 325.4 | 0.0 | 2.8 | 34.6 | 78. |
| 32.1 | 82.4 | 8925.0 | 325.0 | -36.5 | -46.5 | 277.3 | 24.2 | 24.0 | -3.1 | 326.3 | 327.0 | 0.2 | 35.2 | 35.2 | 79. |
| 34.0 | 86.4 | 9474.5 | 300.0 | -40.9 | -49.9 | 283.1 | 27.3 | 26.6 | -0.2 | 327.7 | 327.7 | 99.9 | 99.9 | 37.4 | 81. |
| 35.9 | 91.0 | 10060.5 | 275.0 | -45.5 | -50.9 | 291.2 | 19.6 | 18.5 | -7.2 | 329.3 | 329.3 | 99.9 | 99.9 | 41.3 | 81. |
| 39.1 | 95.6 | 10689.1 | 250.0 | -50.8 | -50.9 | 291.0 | 17.8 | 16.8 | -0.4 | 330.3 | 329.9 | 99.9 | 99.9 | 42.8 | 82. |
| 40.4 | 100.5 | 11367.8 | 225.0 | -55.8 | -50.9 | 310.9 | 14.6 | 11.0 | -4.5 | 332.9 | 329.9 | 99.9 | 99.9 | 44.7 | 82. |
| 43.2 | 105.8 | 12106.9 | 200.0 | -61.8 | -50.9 | 307.5 | 23.1 | 17.5 | -13.4 | 335.0 | 329.9 | 99.9 | 99.9 | 47.0 | 83. |
| 46.0 | 111.9 | 12922.8 | 175.0 | -66.7 | -50.9 | 284.0 | 23.7 | 22.4 | -7.7 | 334.9 | 329.9 | 99.9 | 99.9 | 49.7 | 83. |
| 49.3 | 118.0 | 13959.1 | 150.0 | -72.7 | -50.9 | 276.0 | 36.2 | 36.0 | -3.9 | 332.1 | 329.9 | 99.9 | 99.9 | 53.8 | 82. |
| 53.4 | 125.3 | 14992.3 | 125.0 | -80.3 | -50.9 | 270.8 | 22.3 | 22.3 | -6.3 | 335.6 | 329.9 | 99.9 | 99.9 | 61.1 | 82. |
| 56.0 | 132.3 | 16366.6 | 100.0 | -85.9 | -50.9 | 253.9 | 20.0 | 19.2 | 5.6 | 400.4 | 329.9 | 99.9 | 99.9 | 68.6 | 82. |
| 63.9 | 141.7 | 18108.2 | 75.0 | -96.1 | -50.9 | 261.5 | 6.8 | 6.5 | 1.0 | 434.5 | 329.9 | 99.9 | 99.9 | 72.8 | 81. |
| 71.8 | 151.0 | 20592.6 | 50.0 | -103.2 | -50.9 | 341.3 | 0.8 | 0.8 | -2.3 | 444.5 | 329.9 | 99.9 | 99.9 | 74.5 | 81. |
| 84.6 | 161.5 | 24995.6 | 25.0 | -121.1 | -50.9 | 374.0 | 3.8 | -2.3 | -3.0 | 615.1 | 329.9 | 99.9 | 99.9 | 74.5 | 81. |

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

• BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

• BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 317
GREENSBORO, NC

25 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V CLMP M/SEC | POT T DEG K | E POT T DEG K | MX RTO CM/KG | PM PCT | RANGE K4 | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 7.4 | 275.0 | 982.5 | 17.8 | 17.3 | 200.0 | 3.6 | 1.7 | 3.4 | 290.1 | 327.3 | 12.8 | 97.0 | 0.0 | 0 |
| 00.9 | 90.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 91.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 2.3 | 340.8 | 975.0 | 17.4 | 16.1 | 230.4 | 10.5 | 4.1 | 6.7 | 260.2 | 329.2 | 11.9 | 91.9 | 0.0 | 37 |
| 1.3 | 10.5 | 542.4 | 950.0 | 16.8 | 15.6 | 240.2 | 12.6 | 11.5 | 9.1 | 250.9 | 327.0 | 11.9 | 92.7 | 0.0 | 49 |
| 2.1 | 12.4 | 792.2 | 925.0 | 16.2 | 13.0 | 255.0 | 14.8 | 14.3 | 3.8 | 300.3 | 325.9 | 10.7 | 70.2 | 1.4 | 42 |
| 3.0 | 15.1 | 1027.7 | 900.0 | 17.7 | 11.5 | 250.0 | 12.4 | 12.0 | 3.3 | 301.0 | 326.8 | 9.5 | 66.8 | 2.2 | 46 |
| 3.9 | 17.5 | 1266.4 | 875.0 | 16.0 | 10.2 | 251.7 | 12.2 | 11.6 | 3.9 | 301.7 | 326.1 | 9.0 | 68.2 | 2.4 | 54 |
| 4.9 | 20.1 | 1514.4 | 850.0 | 14.1 | 8.3 | 250.7 | 10.3 | 9.7 | 2.3 | 302.0 | 324.3 | 8.1 | 68.2 | 3.5 | 64 |
| 5.9 | 22.4 | 1765.0 | 825.0 | 12.0 | 7.8 | 257.7 | 11.0 | 10.7 | 2.3 | 302.3 | 324.6 | 8.1 | 75.6 | 4.1 | 74 |
| 6.9 | 25.0 | 2023.1 | 800.0 | 9.9 | 4.9 | 263.9 | 12.3 | 12.2 | 1.3 | 302.6 | 321.8 | 6.8 | 71.1 | 4.8 | 74 |
| 8.0 | 27.4 | 2281.8 | 775.0 | 8.5 | 1.6 | 275.6 | 11.3 | 11.3 | -1.1 | 303.7 | 319.4 | 5.5 | 61.5 | 5.5 | 74 |
| 9.0 | 30.1 | 2557.6 | 750.0 | 7.1 | -0.1 | 271.1 | 10.5 | 10.5 | -0.2 | 304.9 | 319.4 | 5.1 | 60.3 | 6.2 | 74 |
| 10.2 | 32.9 | 2833.8 | 725.0 | 5.3 | -0.6 | 262.4 | 11.4 | 11.3 | 1.5 | 305.0 | 323.5 | 5.1 | 65.8 | 6.8 | 74 |
| 11.2 | 35.5 | 3122.0 | 700.0 | 3.2 | 0.2 | 242.5 | 12.8 | 12.8 | 0.6 | 305.8 | 323.7 | 5.4 | 80.6 | 7.6 | 74 |
| 12.2 | 38.2 | 3416.1 | 675.0 | 1.2 | -1.8 | 273.7 | 13.4 | 13.8 | -0.7 | 307.7 | 322.0 | 5.0 | 80.1 | 8.5 | 74 |
| 13.3 | 41.0 | 3719.2 | 650.0 | -0.6 | -2.3 | 267.3 | 13.3 | 13.3 | 0.6 | 308.9 | 323.4 | 5.0 | 88.3 | 9.4 | 74 |
| 14.4 | 43.9 | 4032.1 | 625.0 | -2.8 | -4.8 | 260.9 | 13.6 | 13.6 | 1.2 | 309.7 | 322.3 | 4.3 | 86.2 | 10.2 | 74 |
| 15.7 | 47.0 | 4354.9 | 600.0 | -4.4 | -28.5 | 257.4 | 19.6 | 19.1 | 4.3 | 311.1 | 313.1 | 0.6 | 13.1 | 11.4 | 74 |
| 17.1 | 50.3 | 4687.8 | 575.0 | -6.2 | -29.1 | 241.5 | 22.9 | 22.7 | 3.4 | 312.8 | 314.8 | 0.6 | 14.3 | 13.3 | 74 |
| 18.5 | 53.0 | 5034.8 | 550.0 | -8.0 | -29.1 | 260.2 | 24.5 | 24.4 | 1.8 | 313.4 | 315.7 | 0.7 | 19.4 | 14.3 | 74 |
| 19.7 | 56.1 | 5393.6 | 525.0 | -11.4 | -29.4 | 260.0 | 27.0 | 27.0 | 0.5 | 315.8 | 319.4 | 1.4 | 47.5 | 17.4 | 74 |
| 21.1 | 59.1 | 5765.9 | 500.0 | -14.1 | -14.9 | 260.5 | 21.8 | 21.8 | 0.6 | 316.0 | 321.5 | 1.7 | 64.8 | 17.4 | 74 |
| 22.6 | 62.7 | 6153.4 | 475.0 | -16.0 | -18.1 | 258.1 | 19.4 | 19.0 | 4.0 | 318.1 | 318.5 | 0.1 | 4.0 | 21.2 | 74 |
| 24.1 | 66.0 | 6558.7 | 450.0 | -18.7 | -61.8 | 250.2 | 22.0 | 21.1 | 6.0 | 319.7 | 319.0 | 0.0 | 1.0 | 27.7 | 74 |
| 25.7 | 69.6 | 6922.0 | 425.0 | -22.1 | -64.0 | 250.7 | 21.8 | 21.2 | 5.0 | 320.6 | 320.6 | 0.0 | 1.0 | 25.1 | 74 |
| 27.2 | 72.9 | 7424.4 | 400.0 | -26.0 | -59.9 | 255.6 | 21.7 | 21.1 | 9.4 | 321.2 | 321.3 | 0.0 | 2.8 | 27.1 | 74 |
| 29.0 | 76.7 | 7888.5 | 375.0 | -29.5 | -60.4 | 253.9 | 24.6 | 24.2 | 4.3 | 322.5 | 322.6 | 0.0 | 3.2 | 27.6 | 74 |
| 30.7 | 80.6 | 8377.1 | 350.0 | -33.2 | -39.0 | 260.3 | 24.7 | 24.7 | 0.3 | 323.9 | 323.2 | 0.4 | 56.4 | 32.1 | 74 |
| 32.5 | 84.6 | 8944.5 | 325.0 | -36.7 | -39.0 | 261.0 | 25.1 | 24.6 | -4.8 | 325.0 | 327.5 | 0.4 | 79.3 | 34.7 | 74 |
| 34.6 | 88.8 | 9443.3 | 300.0 | -41.5 | 55.4 | 262.5 | 21.8 | 21.3 | -4.7 | 326.9 | 449.9 | 99.9 | 99.9 | 37.7 | 74 |
| 36.6 | 93.4 | 10027.0 | 275.0 | -46.8 | 99.9 | 263.4 | 21.7 | 21.0 | -4.5 | 327.4 | 99.9 | 99.9 | 99.9 | 40.0 | 74 |
| 38.8 | 98.0 | 10650.7 | 250.0 | -51.9 | 99.9 | 263.4 | 19.6 | 19.6 | 0.2 | 328.9 | 99.9 | 99.9 | 99.9 | 47.7 | 74 |
| 41.2 | 103.0 | 11324.7 | 225.0 | -57.5 | 99.9 | 263.4 | 19.9 | 19.9 | 1.5 | 330.4 | 99.9 | 99.9 | 99.9 | 45.6 | 74 |
| 43.8 | 108.5 | 12355.2 | 200.0 | -63.8 | 99.9 | 253.3 | 16.5 | 15.7 | 5.0 | 333.3 | 99.9 | 99.9 | 99.9 | 48.4 | 74 |
| 46.6 | 114.5 | 12885.6 | 175.0 | -63.8 | 99.9 | 260.5 | 9.7 | 8.7 | -4.3 | 340.3 | 99.9 | 99.9 | 99.9 | 50.5 | 74 |
| 50.2 | 120.8 | 13828.3 | 150.0 | -63.3 | 99.9 | 260.5 | 18.9 | 18.8 | -3.6 | 341.1 | 99.9 | 99.9 | 99.9 | 53.3 | 74 |
| 54.1 | 124.0 | 14951.5 | 125.0 | -62.7 | 99.9 | 273.8 | 22.3 | 22.3 | -1.3 | 341.8 | 99.9 | 99.9 | 99.9 | 57.8 | 74 |
| 59.9 | 136.0 | 16334.3 | 100.0 | -63.8 | 99.9 | 253.9 | 14.7 | 14.2 | 3.8 | 404.8 | 99.9 | 99.9 | 99.9 | 62.9 | 74 |
| 64.9 | 144.3 | 18082.2 | 75.0 | -64.9 | 99.9 | 282.5 | 7.4 | 7.4 | -1.7 | 434.8 | 99.9 | 99.9 | 99.9 | 66.0 | 74 |
| 73.1 | 152.3 | 20597.0 | 50.0 | -66.9 | 99.9 | 320.2 | 2.2 | 1.1 | -1.9 | 504.7 | 99.9 | 99.9 | 99.9 | 67.1 | 74 |
| 99.9 | 99.9 | 99.9 | 25.0 | -69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 30 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

NASHVILLE, TENN

STATION NO. 327
NASHVILLE, TENN25 APRIL 1975
1116 GMT

| TIME MIN | CATCT | HEIGHT GPM | PRES MR | TEMP DG C | DEW PT DG C | DIH CG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | POT Y DG K | MA RTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|---------------|-----------------|-----------|-------------|----------|
| 00.0 | 4.3 | 180.0 | 920.9 | 16.0 | 14.7 | 190.0 | 2.1 | 0.4 | 2.1 | 291.3 | 318.9 | 10.7 | 92.0 | 0.0 | 32.0 |
| 00.3 | 6.3 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.6 | 6.3 | 318.1 | 975.0 | 16.0 | 14.9 | 99.9 | 99.9 | 99.9 | 99.9 | 292.7 | 321.3 | 11.1 | 93.6 | 99.9 | 32.0 |
| 00.9 | 8.3 | 930.1 | 950.0 | 14.9 | 13.9 | 99.9 | 99.9 | 99.9 | 99.9 | 443.7 | 321.3 | 10.6 | 94.0 | 99.9 | 32.0 |
| 01.2 | 10.3 | 715.1 | 925.0 | 14.4 | 12.3 | 99.9 | 99.9 | 99.9 | 99.9 | 245.3 | 321.3 | 7.9 | 94.0 | 99.9 | 32.0 |
| 01.5 | 12.3 | 557.0 | 900.0 | 14.1 | 11.1 | 99.9 | 99.9 | 99.9 | 99.9 | 247.2 | 321.3 | 9.3 | 94.0 | 99.9 | 32.0 |
| 01.8 | 14.3 | 1234.6 | 875.0 | 12.5 | 7.4 | 265.8 | 10.0 | 19.4 | -8.3 | 247.9 | 321.3 | 8.5 | 94.0 | 99.9 | 32.0 |
| 02.1 | 16.3 | 1477.4 | 850.0 | 10.7 | 8.2 | 246.6 | 20.3 | 19.4 | -8.3 | 247.9 | 321.3 | 8.5 | 94.0 | 99.9 | 32.0 |
| 02.4 | 18.3 | 1226.4 | 825.0 | 9.5 | 6.6 | 243.3 | 24.8 | 24.1 | -8.7 | 249.7 | 321.3 | 8.1 | 94.0 | 99.9 | 32.0 |
| 02.7 | 20.3 | 1562.0 | 800.0 | 8.6 | 4.9 | 277.2 | 32.1 | 31.9 | -8.0 | 251.3 | 321.3 | 7.5 | 94.0 | 99.9 | 32.0 |
| 03.0 | 22.3 | 2244.4 | 775.0 | 8.0 | 4.1 | 274.0 | 31.9 | 31.9 | -8.2 | 251.3 | 321.3 | 6.6 | 94.0 | 99.9 | 32.0 |
| 03.3 | 24.3 | 2515.2 | 750.0 | 6.3 | 3.6 | 267.9 | 27.9 | 27.8 | 1.0 | 304.3 | 321.3 | 6.7 | 94.0 | 99.9 | 32.0 |
| 03.6 | 26.3 | 2792.8 | 725.0 | 4.3 | 3.4 | 257.4 | 26.8 | 26.2 | 5.8 | 305.1 | 321.3 | 6.7 | 94.0 | 99.9 | 32.0 |
| 03.9 | 28.3 | 3272.7 | 700.0 | 3.0 | 2.2 | 248.1 | 28.7 | 28.6 | 10.7 | 306.6 | 321.3 | 6.4 | 94.0 | 99.9 | 32.0 |
| 04.2 | 30.3 | 3372.7 | 675.0 | 1.4 | 0.6 | 243.9 | 31.8 | 28.6 | 15.0 | 306.6 | 321.3 | 6.0 | 94.0 | 99.9 | 32.0 |
| 04.5 | 32.3 | 3574.2 | 650.0 | -0.4 | -1.1 | 241.4 | 32.6 | 28.6 | 15.6 | 306.6 | 321.3 | 5.4 | 94.0 | 99.9 | 32.0 |
| 04.8 | 34.3 | 3930.0 | 625.0 | -1.6 | -2.3 | 238.5 | 33.3 | 28.5 | 17.3 | 311.3 | 321.3 | 5.2 | 94.0 | 99.9 | 32.0 |
| 05.1 | 36.3 | 4314.5 | 600.0 | -1.0 | -4.4 | 237.7 | 34.6 | 29.1 | 18.4 | 312.0 | 321.3 | 4.6 | 94.0 | 99.9 | 32.0 |
| 05.4 | 38.3 | 4690.4 | 575.0 | -1.1 | -5.0 | 237.3 | 33.7 | 28.3 | 18.2 | 312.5 | 321.3 | 4.3 | 94.0 | 99.9 | 32.0 |
| 05.7 | 40.3 | 4959.0 | 550.0 | -1.4 | -5.2 | 239.7 | 35.2 | 30.1 | 19.3 | 315.8 | 321.3 | 3.8 | 94.0 | 99.9 | 32.0 |
| 06.0 | 42.3 | 5366.5 | 525.0 | -0.6 | -10.5 | 234.4 | 34.8 | 30.0 | 17.7 | 317.2 | 321.3 | 3.3 | 94.0 | 99.9 | 32.0 |
| 06.3 | 44.3 | 5766.0 | 500.0 | -12.8 | -14.7 | 241.3 | 34.9 | 30.6 | 18.7 | 317.7 | 321.3 | 2.3 | 94.0 | 99.9 | 32.0 |
| 06.6 | 46.3 | 6124.7 | 475.0 | -15.9 | -22.5 | 240.3 | 34.1 | 29.6 | 16.9 | 318.4 | 321.3 | 1.3 | 94.0 | 99.9 | 32.0 |
| 06.9 | 48.3 | 6531.2 | 450.0 | -17.5 | -21.5 | 240.6 | 34.3 | 31.6 | 17.4 | 321.4 | 321.3 | 1.5 | 94.0 | 99.9 | 32.0 |
| 07.2 | 50.3 | 6957.0 | 425.0 | -20.3 | -24.8 | 242.5 | 34.6 | 31.5 | 17.4 | 321.4 | 321.3 | 1.5 | 94.0 | 99.9 | 32.0 |
| 07.5 | 52.3 | 7403.4 | 400.0 | -23.8 | -28.1 | 244.0 | 37.4 | 33.6 | 16.4 | 324.1 | 321.3 | 0.9 | 94.0 | 99.9 | 32.0 |
| 07.8 | 54.3 | 7871.0 | 375.0 | -27.9 | -33.4 | 243.8 | 36.4 | 32.0 | 16.0 | 324.8 | 321.3 | 0.6 | 94.0 | 99.9 | 32.0 |
| 08.1 | 56.3 | 8343.7 | 350.0 | -31.4 | -36.7 | 247.6 | 35.4 | 32.7 | 13.9 | 326.3 | 321.3 | 0.5 | 94.0 | 99.9 | 32.0 |
| 08.4 | 58.3 | 8877.0 | 325.0 | -36.0 | -41.2 | 251.4 | 29.0 | 27.5 | 9.3 | 327.0 | 321.3 | 0.3 | 94.0 | 99.9 | 32.0 |
| 08.7 | 60.3 | 9432.9 | 300.0 | -41.3 | -46.7 | 246.6 | 32.3 | 29.6 | 12.8 | 327.2 | 321.3 | 0.3 | 94.0 | 99.9 | 32.0 |
| 09.0 | 62.3 | 10017.0 | 275.0 | -46.7 | -51.9 | 243.4 | 31.0 | 27.4 | 13.4 | 327.6 | 321.3 | 0.3 | 94.0 | 99.9 | 32.0 |
| 09.3 | 64.3 | 10642.3 | 250.0 | -51.9 | -56.9 | 243.7 | 17.3 | 16.6 | 4.3 | 328.0 | 321.3 | 0.3 | 94.0 | 99.9 | 32.0 |
| 09.6 | 66.3 | 11315.4 | 225.0 | -56.9 | -61.9 | 242.9 | 30.1 | 26.8 | 12.8 | 328.8 | 321.3 | 0.3 | 94.0 | 99.9 | 32.0 |
| 09.9 | 68.3 | 12047.7 | 200.0 | -61.9 | -66.9 | 252.0 | 23.5 | 22.1 | 7.2 | 331.3 | 321.3 | 0.3 | 94.0 | 99.9 | 32.0 |
| 10.2 | 70.3 | 12857.3 | 175.0 | -66.9 | -71.9 | 262.8 | 33.1 | 32.6 | 4.1 | 340.1 | 321.3 | 0.3 | 94.0 | 99.9 | 32.0 |
| 10.5 | 72.3 | 13655.2 | 150.0 | -71.9 | -76.9 | 276.3 | 25.3 | 25.1 | -2.4 | 363.4 | 321.3 | 0.3 | 94.0 | 99.9 | 32.0 |
| 10.8 | 74.3 | 14538.5 | 125.0 | -76.9 | -81.9 | 276.4 | 15.2 | 14.6 | -8.3 | 380.6 | 321.3 | 0.3 | 94.0 | 99.9 | 32.0 |
| 11.1 | 76.3 | 15518.2 | 100.0 | -81.9 | -86.9 | 270.4 | 18.4 | 18.4 | -8.3 | 400.6 | 321.3 | 0.3 | 94.0 | 99.9 | 32.0 |
| 11.4 | 78.3 | 16714.2 | 75.0 | -86.9 | -91.9 | 300.2 | 4.1 | 1.5 | -4.1 | 438.0 | 321.3 | 0.3 | 94.0 | 99.9 | 32.0 |
| 11.7 | 80.3 | 18073.1 | 50.0 | -91.9 | -96.9 | 300.2 | 4.1 | -0.7 | -8.3 | 508.2 | 321.3 | 0.3 | 94.0 | 99.9 | 32.0 |
| 12.0 | 82.3 | 20584.9 | 25.0 | -96.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 12.3 | 84.3 | 23544.9 | 25.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 12.6 | 86.3 | 27044.9 | 25.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 1 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 340
LITTLE ROCK, ARK

25 APRIL 1975
1115 GMT

| TIME MIN | CATCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U CUMP M/SEC | V CUMP M/SEC | POT Y DEG K | E POT Y DEG K | RTG CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|--------------|-----------|-------------|-----------|
| 0.7 | 5.7 | 79.0 | 1003.7 | 16.7 | 14.0 | 420.0 | 1.6 | 1.0 | 1.2 | 290.9 | 316.9 | 10.1 | 84.0 | 0.0 | 0. |
| 0.1 | 6.1 | 110.6 | 1000.0 | 16.2 | 14.0 | 212.2 | 7.6 | 4.1 | 6.4 | 290.7 | 316.9 | 10.1 | 87.0 | 0.2 | 37. |
| 0.9 | 6.3 | 327.6 | 975.0 | 19.0 | 11.1 | 216.0 | 9.5 | 5.2 | 6.7 | 295.4 | 316.9 | 10.1 | 87.0 | 0.2 | 37. |
| 1.6 | 10.5 | 551.7 | 950.0 | 19.7 | 12.1 | 236.8 | 9.8 | 8.0 | 5.7 | 258.4 | 323.6 | 9.4 | 60.5 | 0.9 | 41. |
| 2.6 | 12.6 | 781.4 | 925.0 | 19.5 | 10.5 | 254.4 | 10.4 | 10.4 | 2.9 | 300.4 | 324.0 | 8.7 | 56.3 | 1.1 | 51. |
| 3.3 | 15.0 | 1017.1 | 900.0 | 18.2 | 12.2 | 272.5 | 12.7 | 12.6 | -0.5 | 301.6 | 324.7 | 10.0 | 68.1 | 1.4 | 60. |
| 4.2 | 17.2 | 1256.4 | 875.0 | 16.5 | 13.3 | 273.7 | 15.6 | 19.5 | -1.6 | 302.4 | 323.3 | 11.1 | 70.8 | 2.4 | 70. |
| 5.0 | 19.6 | 1505.4 | 850.0 | 15.1 | 11.2 | 271.7 | 15.7 | 14.7 | -0.5 | 303.3 | 330.4 | 9.9 | 77.8 | 3.2 | 77. |
| 5.5 | 21.9 | 1758.4 | 825.0 | 14.5 | 6.5 | 266.4 | 11.4 | 11.4 | 6.7 | 305.0 | 325.6 | 7.4 | 58.6 | 3.4 | 75. |
| 6.4 | 24.4 | 2018.0 | 800.0 | 12.8 | -11.6 | 269.3 | 12.0 | 12.0 | 0.1 | 305.4 | 317.9 | 4.3 | 37.1 | 4.4 | 86. |
| 7.4 | 26.7 | 2283.8 | 775.0 | 12.1 | -20.0 | 278.8 | 13.5 | 13.3 | -2.1 | 306.9 | 310.1 | 1.0 | 8.9 | 5.2 | 82. |
| 8.9 | 29.3 | 2556.9 | 750.0 | 9.4 | -13.4 | 283.5 | 13.7 | 13.3 | -3.2 | 307.1 | 312.6 | 1.0 | 18.4 | 6.0 | 85. |
| 9.7 | 32.0 | 2816.5 | 725.0 | 7.1 | -19.5 | 287.0 | 13.3 | 12.7 | -3.9 | 307.4 | 311.9 | 1.5 | 16.7 | 6.8 | 87. |
| 11.0 | 34.8 | 3123.3 | 700.0 | 4.2 | -18.6 | 288.2 | 13.9 | 13.3 | -3.9 | 307.3 | 311.9 | 1.5 | 16.7 | 7.7 | 90. |
| 12.1 | 37.3 | 3418.0 | 675.0 | 2.1 | -18.7 | 286.3 | 15.9 | 15.2 | -4.4 | 308.2 | 312.3 | 1.3 | 10.9 | 8.6 | 91. |
| 13.1 | 40.1 | 3721.2 | 650.0 | 0.1 | -23.9 | 285.6 | 17.7 | 16.7 | -5.9 | 309.1 | 311.9 | 0.9 | 14.4 | 9.6 | 93. |
| 14.2 | 42.8 | 4034.0 | 625.0 | -2.1 | -19.9 | 283.7 | 19.5 | 19.0 | -4.6 | 310.2 | 314.3 | 1.3 | 24.5 | 10.8 | 95. |
| 15.4 | 45.5 | 4356.9 | 600.0 | -4.9 | -8.5 | 280.6 | 19.6 | 19.3 | -3.6 | 310.6 | 320.9 | 3.4 | 76.3 | 12.7 | 96. |
| 16.7 | 48.9 | 4690.8 | 575.0 | -6.8 | -10.9 | 281.3 | 22.5 | 21.7 | -5.9 | 312.2 | 317.7 | 1.8 | 44.4 | 13.7 | 96. |
| 18.2 | 51.9 | 5037.0 | 550.0 | -7.6 | -33.9 | 279.8 | 24.2 | 23.9 | -4.1 | 311.1 | 319.5 | 0.4 | 10.3 | 15.4 | 97. |
| 19.5 | 55.0 | 5397.0 | 525.0 | -9.4 | -55.9 | 280.1 | 23.1 | 22.7 | -4.0 | 311.0 | 319.2 | 0.0 | 1.0 | 17.4 | 97. |
| 20.8 | 56.3 | 5772.9 | 500.0 | -12.3 | -57.7 | 285.2 | 23.7 | 22.8 | -6.6 | 318.0 | 318.1 | 0.0 | 1.0 | 19.5 | 98. |
| 22.0 | 61.4 | 6162.4 | 475.0 | -15.4 | -59.7 | 289.1 | 25.6 | 24.2 | -8.4 | 318.9 | 314.9 | 0.0 | 1.0 | 21.3 | 98. |
| 23.3 | 65.3 | 6568.9 | 450.0 | -17.7 | -61.2 | 282.6 | 27.1 | 26.4 | -6.3 | 320.9 | 321.0 | 0.0 | 1.0 | 23.4 | 100. |
| 24.6 | 68.3 | 6994.3 | 425.0 | -20.6 | -63.1 | 272.9 | 30.9 | 30.9 | -1.6 | 322.5 | 321.5 | 0.0 | 1.0 | 25.9 | 100. |
| 26.2 | 72.0 | 7439.0 | 400.0 | -24.8 | -63.4 | 267.6 | 34.4 | 34.4 | 1.2 | 322.7 | 322.7 | 0.0 | 1.4 | 28.6 | 98. |
| 27.6 | 76.0 | 7904.2 | 375.0 | -29.6 | -39.2 | 268.4 | 31.9 | 31.9 | 0.9 | 324.4 | 323.6 | 0.3 | 38.2 | 31.0 | 96. |
| 29.2 | 80.0 | 8395.3 | 350.0 | -31.6 | -39.2 | 273.3 | 31.2 | 33.0 | -3.1 | 325.8 | 327.6 | 0.5 | 64.7 | 34.2 | 97. |
| 31.2 | 84.2 | 8915.9 | 325.0 | -35.6 | -39.0 | 271.3 | 35.6 | 35.6 | -0.8 | 327.5 | 325.0 | 0.4 | 70.9 | 36.2 | 97. |
| 33.0 | 88.4 | 9467.2 | 300.0 | -40.1 | 49.9 | 262.7 | 37.3 | 37.0 | 4.7 | 328.8 | 325.0 | 0.4 | 99.9 | 42.0 | 96. |
| 34.5 | 93.2 | 10055.3 | 275.0 | -45.0 | 99.9 | 257.7 | 37.3 | 36.4 | 8.0 | 330.0 | 327.9 | 99.9 | 99.9 | 45.3 | 96. |
| 36.2 | 98.0 | 10685.1 | 250.0 | -50.1 | 99.9 | 251.6 | 31.4 | 29.8 | 9.9 | 331.6 | 327.9 | 99.9 | 99.9 | 48.5 | 93. |
| 38.0 | 103.2 | 11366.4 | 225.0 | -56.6 | 99.9 | 253.4 | 35.9 | 33.5 | 10.0 | 331.8 | 327.9 | 99.9 | 99.9 | 51.9 | 92. |
| 40.3 | 109.0 | 12107.1 | 200.0 | -63.1 | 99.9 | 262.7 | 38.6 | 34.3 | 4.4 | 332.8 | 327.9 | 99.9 | 99.9 | 56.7 | 90. |
| 43.2 | 115.0 | 12910.4 | 175.0 | -69.0 | 99.9 | 277.7 | 39.7 | 39.3 | -5.3 | 336.2 | 327.9 | 99.9 | 99.9 | 63.3 | 91. |
| 47.4 | 122.0 | 13647.2 | 150.0 | -78.9 | 99.9 | 284.9 | 37.1 | 35.9 | -9.6 | 338.5 | 327.9 | 99.9 | 99.9 | 74.0 | 92. |
| 51.9 | 129.3 | 14995.5 | 125.0 | -80.2 | 99.9 | 278.8 | 26.6 | 26.3 | -4.0 | 339.9 | 327.9 | 99.9 | 99.9 | 82.2 | 93. |
| 56.9 | 137.2 | 16362.6 | 100.0 | -67.0 | 99.9 | 273.1 | 17.5 | 17.5 | -0.9 | 338.2 | 327.9 | 99.9 | 99.9 | 86.9 | 93. |
| 63.6 | 146.3 | 18125.6 | 75.0 | -64.6 | 99.9 | 268.5 | 3.3 | 3.1 | 0.1 | 437.4 | 327.9 | 99.9 | 99.9 | 93.2 | 94. |
| 72.6 | 155.3 | 20598.1 | 50.0 | -60.3 | 99.9 | 359.4 | 7.4 | 0.5 | -7.3 | 501.5 | 327.9 | 99.9 | 99.9 | 98.7 | 94. |
| 86.1 | 165.3 | 25011.7 | 25.0 | -52.0 | 99.9 | 259.9 | 3.3 | -1.3 | -3.0 | 635.6 | 327.9 | 99.9 | 99.9 | 99.9 | 96. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10. DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 369
MONETTE, WJ

24 APRIL 1975
1210 GMT

| TIME MIN | CNTCT | HEIGHT GEM | PHES MB | TEMP DG C | DEY PT DG C | CTH DG | SPEED M/SEC | U COMP M/SEC | V CLMP M/SEC | POT T DG K | E PUT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.0 | 438.0 | 981.4 | 16.1 | 15.0 | 240.0 | 2.6 | 2.3 | 1.1 | 254.0 | 323.3 | 11.2 | 93.0 | 0.0 | 0. |
| 00.9 | 99.3 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 9.1 | 539.7 | 950.0 | 15.7 | 15.4 | 995.9 | 99.9 | 99.9 | 99.9 | 254.0 | 325.2 | 11.7 | 98.5 | 99.9 | 99.9 |
| 1.3 | 11.2 | 768.4 | 925.0 | 14.8 | 14.5 | 995.9 | 99.9 | 99.9 | 99.9 | 254.0 | 325.6 | 11.3 | 98.7 | 99.9 | 99.9 |
| 2.1 | 13.5 | 968.5 | 900.0 | 13.6 | 13.6 | 10.0 | 3.6 | -0.6 | -3.5 | 256.3 | 312.7 | 6.0 | 55.3 | 0.3 | 12.1 |
| 3.0 | 15.8 | 1236.8 | 875.0 | 15.1 | 7.2 | 34.3 | 3.1 | -1.4 | -2.6 | 300.4 | 320.4 | 7.3 | 59.0 | 0.4 | 15.1 |
| 4.0 | 19.2 | 1482.3 | 850.0 | 14.4 | 2.3 | 33.3 | 3.5 | -1.6 | -2.0 | 302.5 | 317.5 | 5.3 | 42.7 | 0.5 | 17.2 |
| 4.9 | 20.7 | 1734.6 | 825.0 | 14.1 | -12.6 | 55.5 | 3.4 | -2.8 | -1.9 | 303.8 | 309.6 | 1.5 | 15.7 | 0.6 | 18.7 |
| 5.8 | 23.2 | 1993.1 | 800.0 | 12.8 | -29.8 | 57.4 | 4.0 | -3.4 | -2.2 | 304.8 | 306.1 | 0.4 | 3.5 | 0.8 | 19.7 |
| 6.8 | 25.7 | 2257.9 | 775.0 | 10.1 | -22.3 | 31.5 | 2.7 | -1.4 | -2.3 | 304.8 | 307.4 | 0.6 | 8.3 | 0.5 | 20.4 |
| 7.5 | 28.3 | 2425.3 | 750.0 | 8.5 | -25.9 | 312.4 | 3.7 | 2.7 | -2.5 | 304.8 | 307.9 | 0.6 | 6.8 | 1.0 | 20.1 |
| 8.5 | 31.1 | 2609.1 | 725.0 | 6.7 | -30.8 | 292.4 | 7.9 | 7.3 | -3.0 | 304.8 | 309.2 | 0.4 | 4.8 | 1.1 | 20.1 |
| 9.5 | 34.3 | 2854.2 | 700.0 | 3.9 | -27.4 | 254.1 | 9.6 | 9.7 | -3.9 | 306.8 | 308.7 | 0.6 | 8.0 | 1.4 | 15.0 |
| 10.5 | 36.7 | 3088.0 | 675.0 | 1.5 | -22.3 | 306.7 | 9.1 | 7.3 | -5.4 | 307.3 | 308.1 | 0.2 | 3.4 | 1.9 | 14.5 |
| 11.5 | 39.5 | 3693.5 | 650.0 | -0.1 | -50.0 | 326.0 | 8.5 | 4.7 | -7.1 | 308.6 | 307.1 | 0.1 | 1.0 | 2.1 | 14.1 |
| 12.6 | 42.5 | 4003.5 | 625.0 | -1.7 | -31.0 | 327.4 | 8.2 | 4.4 | -6.9 | 310.5 | 310.7 | 0.1 | 1.0 | 2.9 | 14.7 |
| 13.7 | 45.6 | 4324.6 | 600.0 | -4.3 | -52.6 | 316.6 | 10.2 | 7.0 | -7.4 | 311.1 | 311.3 | 0.0 | 1.0 | 3.5 | 14.0 |
| 14.8 | 48.9 | 4659.9 | 575.0 | -7.2 | -54.5 | 311.2 | 13.0 | 9.8 | -8.6 | 311.5 | 311.6 | 0.0 | 1.0 | 4.3 | 14.4 |
| 16.0 | 51.8 | 5005.0 | 550.0 | -9.1 | -55.7 | 999.9 | 99.9 | 99.9 | 99.9 | 313.2 | 313.4 | 0.0 | 1.0 | 99.9 | 99.9 |
| 17.6 | 55.1 | 5363.8 | 525.0 | -10.9 | -56.8 | 999.9 | 99.9 | 99.9 | 99.9 | 315.3 | 315.4 | 0.0 | 1.0 | 99.9 | 99.9 |
| 18.9 | 58.4 | 5736.6 | 500.0 | -13.5 | -58.5 | 999.9 | 99.9 | 99.9 | 99.9 | 316.6 | 316.7 | 0.0 | 1.0 | 99.9 | 99.9 |
| 20.2 | 62.0 | 6124.1 | 475.0 | -16.9 | -60.7 | 999.9 | 99.9 | 99.9 | 99.9 | 317.0 | 317.1 | 0.0 | 1.0 | 99.9 | 99.9 |
| 21.6 | 65.6 | 6528.0 | 450.0 | -19.5 | -62.3 | 295.4 | 22.4 | 20.2 | -9.6 | 318.7 | 318.7 | 0.0 | 1.0 | 11.7 | 12.9 |
| 23.2 | 69.5 | 6950.0 | 425.0 | -23.0 | -64.6 | 295.6 | 21.7 | 19.5 | -9.4 | 319.4 | 319.5 | 0.0 | 1.0 | 13.6 | 12.7 |
| 24.4 | 73.3 | 7391.0 | 400.0 | -26.5 | -66.9 | 292.8 | 23.2 | 21.4 | 1.0 | 320.5 | 320.5 | 0.0 | 1.0 | 15.7 | 12.5 |
| 26.4 | 77.5 | 7853.4 | 375.0 | -30.5 | -69.5 | 999.9 | 99.9 | 99.9 | 99.9 | 321.1 | 321.1 | 0.0 | 1.0 | 99.9 | 99.9 |
| 28.9 | 81.9 | 8329.9 | 350.0 | -34.9 | -72.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 30.9 | 86.9 | 8829.9 | 325.0 | -39.9 | -75.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 32.9 | 91.9 | 9329.9 | 300.0 | -44.9 | -79.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 34.9 | 96.9 | 9829.9 | 275.0 | -49.9 | -83.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 36.9 | 101.9 | 10329.9 | 250.0 | -54.9 | -87.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 38.9 | 106.9 | 10829.9 | 225.0 | -59.9 | -91.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 40.9 | 111.9 | 11329.9 | 200.0 | -64.9 | -95.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 42.9 | 116.9 | 11829.9 | 175.0 | -69.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 44.9 | 121.9 | 12329.9 | 150.0 | -74.9 | -103.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 46.9 | 126.9 | 12829.9 | 125.0 | -79.9 | -107.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 48.9 | 131.9 | 13329.9 | 100.0 | -84.9 | -111.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.9 | 136.9 | 13829.9 | 75.0 | -89.9 | -115.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 52.9 | 141.9 | 14329.9 | 50.0 | -94.9 | -119.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 54.9 | 146.9 | 14829.9 | 25.0 | -99.9 | -123.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

AMARILLO, TEX

25 APRIL 1975

1115 GMT

156 20. 0

| TIME MIN | CNTCT | WEIGHT GFM | PRES MM | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | PH PCT | RANGE AZ KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|----------------|----------|
| 0.0 | 14.0 | 1095.0 | 887.0 | 10.7 | 8.5 | 160.0 | 4.2 | -1.4 | 3.9 | 294.8 | 315.8 | 7.9 | 86.3 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 15.0 | 1209.3 | 875.0 | 13.7 | 2.1 | 99.9 | 99.9 | 99.9 | 99.9 | 298.7 | 312.9 | 5.1 | 45.2 | 99.9 | 99.9 |
| 1.1 | 17.2 | 1456.6 | 850.0 | 18.7 | 1.8 | 99.9 | 99.9 | 99.9 | 99.9 | 304.5 | 321.4 | 5.2 | 32.8 | 99.9 | 99.9 |
| 2.0 | 15.5 | 1713.1 | 825.0 | 19.7 | -4.7 | 194.5 | 8.4 | 2.1 | 8.2 | 305.9 | 319.7 | 3.3 | 18.7 | 1.3 | 33.4 |
| 2.9 | 15.7 | 1576.6 | 800.0 | 17.4 | -5.5 | 219.9 | 8.2 | 6.3 | 6.3 | 310.1 | 319.6 | 3.2 | 20.4 | 1.6 | 35.1 |
| 3.7 | 24.2 | 2246.3 | 775.0 | 15.1 | -6.3 | 233.7 | 7.9 | 6.3 | 4.6 | 310.4 | 319.7 | 3.1 | 22.2 | 1.9 | 1. |
| 4.6 | 25.3 | 2522.4 | 750.0 | 12.6 | -8.1 | 238.9 | 8.6 | 7.4 | 4.4 | 310.6 | 319.0 | 2.8 | 22.7 | 2.1 | 11. |
| 5.6 | 29.1 | 2805.4 | 725.0 | 10.1 | -10.2 | 243.1 | 10.3 | 9.2 | 4.7 | 310.8 | 319.2 | 2.4 | 22.9 | 2.5 | 21. |
| 6.6 | 31.7 | 3055.8 | 700.0 | 7.8 | -11.7 | 242.6 | 11.5 | 10.2 | 5.3 | 311.4 | 318.3 | 2.2 | 23.0 | 3.0 | 29. |
| 7.5 | 34.5 | 3393.9 | 675.0 | 4.6 | -13.4 | 241.4 | 10.9 | 9.6 | 5.2 | 311.0 | 317.3 | 2.0 | 25.7 | 3.6 | 3. |
| 8.6 | 37.0 | 3699.8 | 650.0 | 3.0 | -18.0 | 234.0 | 8.7 | 7.0 | 5.1 | 312.5 | 317.0 | 1.4 | 19.6 | 4.2 | 30. |
| 9.3 | 40.0 | 4016.0 | 625.0 | 1.5 | -20.0 | 217.8 | 8.5 | 5.2 | 6.7 | 314.3 | 319.3 | 1.2 | 18.3 | 4.9 | 3. |
| 10.9 | 42.7 | 4344.0 | 600.0 | -0.2 | -21.3 | 222.7 | 10.3 | 7.0 | 7.6 | 315.0 | 319.8 | 1.2 | 18.4 | 5.4 | 3. |
| 12.1 | 45.8 | 4663.2 | 575.0 | -1.9 | -22.6 | 232.1 | 11.1 | 8.0 | 6.8 | 317.9 | 321.4 | 1.1 | 18.5 | 6.2 | 4. |
| 13.3 | 49.0 | 5035.3 | 550.0 | -4.2 | -24.5 | 239.1 | 10.9 | 9.3 | 5.6 | 319.2 | 322.4 | 1.0 | 18.7 | 6.9 | 4. |
| 14.6 | 52.0 | 5399.9 | 525.0 | -7.5 | -27.1 | 245.1 | 10.9 | 9.9 | 4.6 | 319.5 | 322.1 | 0.8 | 19.0 | 7.7 | 4. |
| 15.3 | 55.3 | 5777.4 | 500.0 | -11.1 | -30.0 | 246.3 | 11.0 | 10.1 | 4.4 | 319.5 | 321.7 | 0.6 | 19.2 | 8.5 | 4. |
| 17.1 | 58.6 | 6168.9 | 475.0 | -14.3 | -32.5 | 251.7 | 11.4 | 10.9 | 3.6 | 320.3 | 322.1 | 0.5 | 19.5 | 9.3 | 4. |
| 18.5 | 62.3 | 6576.2 | 450.0 | -17.3 | -35.0 | 257.1 | 11.1 | 10.8 | 2.5 | 321.4 | 322.9 | 0.4 | 19.7 | 10.2 | 5. |
| 19.9 | 65.9 | 7001.9 | 425.0 | -20.6 | -37.2 | 262.2 | 13.6 | 13.5 | 1.9 | 322.5 | 323.8 | 0.4 | 20.8 | 11.1 | 5. |
| 21.5 | 69.5 | 7446.2 | 400.0 | -25.1 | -40.9 | 264.3 | 14.9 | 14.9 | 1.5 | 322.3 | 323.2 | 0.3 | 21.2 | 12.2 | 5. |
| 23.1 | 73.9 | 7911.6 | 375.0 | -29.4 | -43.9 | 271.7 | 16.6 | 16.6 | -0.5 | 322.6 | 323.3 | 0.2 | 22.9 | 13.5 | 6. |
| 24.7 | 78.2 | 8400.0 | 350.0 | -33.3 | -46.4 | 263.9 | 20.6 | 20.5 | 2.2 | 323.7 | 324.4 | 0.2 | 25.1 | 15.1 | 6. |
| 26.4 | 82.5 | 8916.8 | 325.0 | -36.8 | -50.0 | 264.8 | 23.8 | 23.7 | 2.4 | 325.9 | 326.4 | 0.1 | 23.5 | 17.2 | 6. |
| 28.2 | 87.2 | 9466.9 | 300.0 | -40.2 | -54.9 | 265.0 | 27.5 | 27.4 | 2.4 | 327.9 | 327.9 | 99.9 | 99.9 | 19.9 | 6. |
| 30.2 | 92.3 | 10055.2 | 275.0 | -44.4 | -59.9 | 264.9 | 28.7 | 28.6 | 2.6 | 330.4 | 330.4 | 99.9 | 99.9 | 23.1 | 7. |
| 32.3 | 97.6 | 10685.3 | 250.0 | -50.0 | -64.9 | 264.6 | 29.7 | 29.6 | 1.8 | 331.7 | 331.7 | 99.9 | 99.9 | 26.7 | 7. |
| 34.5 | 102.3 | 11365.9 | 225.0 | -55.3 | -69.9 | 268.9 | 34.9 | 34.9 | 0.7 | 333.7 | 333.7 | 99.9 | 99.9 | 30.4 | 7. |
| 36.6 | 106.8 | 12107.1 | 200.0 | -61.7 | -74.9 | 264.7 | 41.3 | 41.1 | 3.8 | 335.1 | 335.1 | 99.9 | 99.9 | 35.3 | 7. |
| 38.6 | 116.0 | 127.4 | 175.0 | -64.2 | -79.9 | 270.5 | 35.3 | 35.3 | -0.3 | 340.7 | 340.7 | 99.9 | 99.9 | 40.7 | 7. |
| 41.2 | 123.7 | 13.7 | 150.0 | -63.2 | -84.9 | 265.4 | 29.1 | 29.0 | 2.4 | 361.3 | 361.3 | 99.9 | 99.9 | 44.8 | 7. |
| 44.2 | 131.3 | 14.7 | 125.0 | -63.2 | -89.9 | 259.0 | 33.8 | 33.2 | 6.5 | 380.6 | 380.6 | 99.9 | 99.9 | 50.6 | 7. |
| 48.2 | 139.7 | 15.356.1 | 100.0 | -65.5 | -94.9 | 264.6 | 18.5 | 18.4 | 1.7 | 401.3 | 401.3 | 99.9 | 99.9 | 57.3 | 8. |
| 53.1 | 148.0 | 16108.1 | 75.0 | -60.3 | -99.9 | 252.5 | 20.1 | 19.2 | 6.1 | 440.5 | 440.5 | 99.9 | 99.9 | 63.4 | 7. |
| 60.0 | 157.3 | 20039.1 | 50.0 | -54.1 | -99.9 | 289.7 | 6.7 | 6.3 | -2.3 | 508.3 | 508.3 | 99.9 | 99.9 | 66.5 | 7. |
| 72.3 | 167.0 | 25083.1 | 25.0 | -50.7 | -99.9 | 332.4 | 4.0 | 1.9 | -3.5 | 638.8 | 638.8 | 99.9 | 99.9 | 68.1 | 8. |

* BY SPEC MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 402
WALLOPS ISLAND, VA

25 APRIL 1975
1100 GMT

| TIME MIN | CNTCT | HEIGHT GDM | PRES MB | TEMP DG C | CLB PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT Y DG K | MX RTG GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| | | | | | | | | | | | | | | | |
| 0.0 | 4.9 | 4.0 | 1012.6 | 17.8 | 15.2 | 999.9 | 99.9 | 99.0 | 99.9 | 291.4 | 319.3 | 10.8 | 35.0 | 999.4 | 934 |
| 0.5 | 5.3 | 111.6 | 1000.0 | 17.3 | 15.5 | 999.9 | 99.9 | 99.0 | 99.3 | 292.0 | 321.4 | 11.4 | 90.2 | 999.9 | 997 |
| 1.3 | 7.8 | 323.0 | 975.0 | 16.2 | 14.6 | 999.9 | 99.9 | 99.0 | 99.9 | 292.9 | 321.0 | 10.8 | 90.5 | 999.9 | 997 |
| 2.4 | 9.9 | 545.0 | 950.0 | 15.4 | 12.3 | 999.9 | 99.9 | 99.0 | 99.9 | 294.2 | 320.2 | 9.9 | 84.8 | 999.9 | 997 |
| 3.2 | 11.9 | 775.4 | 925.0 | 14.5 | 10.2 | 999.9 | 99.9 | 99.0 | 99.9 | 295.3 | 317.9 | 8.5 | 75.4 | 999.9 | 997 |
| 4.1 | 14.1 | 1007.1 | 900.0 | 13.4 | 9.0 | 999.9 | 99.9 | 99.0 | 99.9 | 296.4 | 319.1 | 8.1 | 74.8 | 999.9 | 997 |
| 5.1 | 16.3 | 1244.1 | 875.0 | 12.0 | 9.1 | 999.9 | 99.9 | 99.0 | 99.9 | 297.3 | 319.7 | 8.3 | 82.7 | 999.9 | 997 |
| 6.0 | 18.3 | 1496.5 | 850.0 | 10.1 | 8.4 | 999.9 | 99.9 | 99.0 | 99.9 | 297.8 | 319.9 | 8.2 | 89.4 | 999.9 | 997 |
| 7.0 | 20.5 | 1735.1 | 825.0 | 8.7 | 7.2 | 999.9 | 99.9 | 99.0 | 99.9 | 298.8 | 319.9 | 7.8 | 90.3 | 999.9 | 997 |
| 8.0 | 22.8 | 1985.3 | 800.0 | 7.1 | 5.3 | 999.9 | 99.9 | 99.0 | 99.9 | 299.6 | 318.9 | 7.0 | 86.3 | 999.9 | 997 |
| 9.1 | 25.2 | 2250.4 | 775.0 | 6.2 | 1.9 | 999.9 | 99.9 | 99.0 | 99.9 | 301.2 | 317.1 | 5.7 | 74.0 | 999.9 | 997 |
| 10.1 | 27.4 | 2515.2 | 750.0 | 4.7 | -0.0 | 999.9 | 99.9 | 99.0 | 99.9 | 302.3 | 316.8 | 5.1 | 71.4 | 999.9 | 997 |
| 11.1 | 29.3 | 2795.3 | 725.0 | 3.6 | -2.5 | 999.9 | 99.9 | 99.0 | 99.9 | 303.9 | 316.5 | 4.4 | 64.7 | 999.9 | 997 |
| 12.2 | 32.6 | 3280.1 | 700.0 | 3.1 | -5.9 | 999.9 | 99.9 | 99.0 | 99.9 | 306.3 | 316.7 | 3.5 | 51.8 | 999.9 | 997 |
| 13.3 | 35.1 | 3374.5 | 675.0 | 2.3 | -12.0 | 999.9 | 99.9 | 99.0 | 99.9 | 308.5 | 315.4 | 2.3 | 33.9 | 999.9 | 997 |
| 14.6 | 37.7 | 3676.8 | 650.0 | 0.9 | -17.7 | 999.9 | 99.9 | 99.0 | 99.9 | 310.1 | 314.7 | 1.5 | 23.4 | 999.9 | 997 |
| 15.9 | 40.3 | 3993.4 | 625.0 | -0.1 | -24.9 | 999.9 | 99.9 | 99.0 | 99.9 | 312.4 | 315.0 | 0.8 | 13.3 | 999.9 | 997 |
| 17.0 | 43.3 | 4318.8 | 600.0 | -1.8 | -26.2 | 999.9 | 99.9 | 99.0 | 99.9 | 314.1 | 316.6 | 0.7 | 13.4 | 999.9 | 997 |
| 18.2 | 45.9 | 4652.8 | 575.0 | -4.1 | -29.9 | 999.9 | 99.9 | 99.0 | 99.9 | 315.3 | 317.2 | 0.6 | 11.3 | 999.9 | 997 |
| 19.5 | 48.9 | 5005.1 | 550.0 | -6.0 | -31.5 | 999.9 | 99.9 | 99.0 | 99.9 | 317.0 | 318.7 | 0.5 | 11.1 | 999.9 | 997 |
| 20.3 | 51.9 | 5367.5 | 525.0 | -8.8 | -32.2 | 999.9 | 99.9 | 99.0 | 99.9 | 317.5 | 319.6 | 0.5 | 13.0 | 999.9 | 997 |
| 22.4 | 55.0 | 5743.8 | 500.0 | -10.8 | -29.0 | 999.9 | 99.9 | 99.0 | 99.9 | 320.0 | 322.3 | 0.7 | 20.5 | 999.9 | 997 |
| 23.7 | 57.9 | 6134.6 | 475.0 | -14.2 | -31.1 | 999.9 | 99.9 | 99.0 | 99.9 | 320.5 | 322.5 | 0.6 | 22.1 | 999.9 | 997 |
| 25.3 | 61.3 | 6542.7 | 450.0 | -18.2 | -32.6 | 999.9 | 99.9 | 99.0 | 99.9 | 320.3 | 322.2 | 0.5 | 27.0 | 999.9 | 997 |
| 26.9 | 64.7 | 6964.4 | 425.0 | -21.7 | -35.4 | 999.9 | 99.9 | 99.0 | 99.9 | 321.1 | 322.6 | 0.4 | 27.5 | 999.9 | 997 |
| 28.4 | 68.1 | 7410.0 | 400.0 | -25.5 | -38.1 | 999.9 | 99.9 | 99.0 | 99.9 | 321.8 | 323.0 | 0.4 | 29.5 | 999.9 | 997 |
| 30.4 | 71.7 | 7874.4 | 375.0 | -29.6 | -42.1 | 999.9 | 99.9 | 99.0 | 99.9 | 322.4 | 323.3 | 0.2 | 28.3 | 999.9 | 997 |
| 32.2 | 75.7 | 8362.9 | 350.0 | -33.2 | -45.8 | 999.9 | 99.9 | 99.0 | 99.9 | 323.9 | 324.5 | 0.2 | 26.6 | 999.9 | 997 |
| 34.3 | 79.4 | 8872.9 | 325.0 | -37.0 | -51.5 | 999.9 | 99.9 | 99.0 | 99.9 | 325.7 | 326.0 | 0.1 | 20.2 | 999.9 | 997 |
| 36.4 | 84.0 | 9428.1 | 300.0 | -41.7 | -59.9 | 999.9 | 99.9 | 99.0 | 99.9 | 326.6 | 326.9 | 99.9 | 99.9 | 999.9 | 997 |
| 39.0 | 98.4 | 10314.1 | 275.0 | -45.6 | -69.9 | 999.9 | 99.9 | 99.0 | 99.9 | 329.3 | 329.9 | 99.9 | 99.9 | 999.9 | 997 |
| 40.7 | 93.3 | 10642.5 | 250.0 | -50.2 | -79.9 | 999.9 | 99.9 | 99.0 | 99.9 | 331.4 | 329.9 | 99.9 | 99.9 | 999.9 | 997 |
| 43.4 | 98.3 | 11321.4 | 225.0 | -54.2 | -89.9 | 999.9 | 99.9 | 99.0 | 99.9 | 332.4 | 329.9 | 99.9 | 99.9 | 999.9 | 997 |
| 46.0 | 103.9 | 12058.6 | 200.0 | -58.9 | -99.9 | 999.9 | 99.9 | 99.0 | 99.9 | 336.4 | 329.9 | 99.9 | 99.9 | 999.9 | 997 |
| 48.5 | 105.9 | 12687.0 | 175.0 | -63.5 | -99.9 | 999.9 | 99.9 | 99.0 | 99.9 | 331.8 | 329.9 | 99.9 | 99.9 | 999.9 | 997 |
| 52.1 | 116.0 | 13613.7 | 150.0 | -63.1 | -99.9 | 999.9 | 99.9 | 99.0 | 99.9 | 331.8 | 329.9 | 99.9 | 99.9 | 999.9 | 997 |
| 56.2 | 123.3 | 14937.2 | 125.0 | -61.4 | -99.9 | 999.9 | 99.9 | 99.0 | 99.9 | 333.8 | 329.9 | 99.9 | 99.9 | 999.9 | 997 |
| 61.1 | 131.3 | 16327.7 | 100.0 | -59.7 | -99.9 | 999.9 | 99.9 | 99.0 | 99.9 | 412.3 | 329.9 | 99.9 | 99.9 | 999.9 | 997 |
| 67.3 | 139.0 | 18104.7 | 75.0 | -54.9 | -99.9 | 999.9 | 99.9 | 99.0 | 99.9 | 430.9 | 329.9 | 99.9 | 99.9 | 999.9 | 997 |
| 75.5 | 147.0 | 20619.7 | 50.0 | -58.5 | -99.9 | 999.9 | 99.9 | 99.0 | 99.9 | 505.7 | 329.9 | 99.9 | 99.9 | 999.9 | 997 |
| 88.2 | 155.3 | 25047.8 | 25.0 | -52.2 | -99.9 | 999.9 | 99.9 | 99.0 | 99.9 | 635.1 | 329.9 | 99.9 | 99.9 | 999.9 | 997 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. ACS
STERLING, VA

25 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.8 | 1003.3 | 1003.3 | 12.3 | 11.8 | 230.0 | 1.5 | 1.1 | 1.0 | 280.3 | 308.6 | 8.7 | 97.0 | 6.0 | 0 |
| 0.1 | 6.0 | 1000.0 | 1000.0 | 12.4 | 11.9 | 230.0 | 1.5 | 1.1 | 1.0 | 280.3 | 308.6 | 8.7 | 97.0 | 6.0 | 0 |
| 1.1 | 6.4 | 975.0 | 975.0 | 17.7 | 13.5 | 256.7 | 6.8 | 6.1 | -3.1 | 294.3 | 320.8 | 10.1 | 76.3 | 6.3 | 90 |
| 1.9 | 10.7 | 950.0 | 950.0 | 16.0 | 12.4 | 303.6 | 7.2 | 6.0 | -4.0 | 294.7 | 318.7 | 9.0 | 78.9 | 6.7 | 111 |
| 2.3 | 13.1 | 925.0 | 925.0 | 13.9 | 11.1 | 311.8 | 7.2 | 5.4 | -4.8 | 294.8 | 318.7 | 9.0 | 83.1 | 1.1 | 114 |
| 3.8 | 15.4 | 1009.1 | 900.0 | 12.5 | 10.0 | 311.9 | 7.6 | 5.7 | -5.1 | 295.6 | 318.6 | 8.6 | 84.4 | 1.4 | 122 |
| 4.6 | 17.7 | 1245.2 | 874.0 | 10.6 | 9.1 | 309.1 | 7.6 | 5.9 | -4.8 | 295.9 | 318.1 | 8.3 | 89.9 | 1.8 | 124 |
| 5.6 | 20.3 | 1497.0 | 850.0 | 9.9 | 7.2 | 307.2 | 6.6 | 5.3 | -4.0 | 297.5 | 318.0 | 7.6 | 83.4 | 2.3 | 125 |
| 6.5 | 22.7 | 1734.9 | 825.0 | 8.1 | 5.8 | 294.5 | 5.7 | 5.2 | -2.4 | 298.1 | 317.2 | 7.0 | 85.3 | 2.7 | 125 |
| 7.4 | 25.3 | 1949.1 | 800.0 | 7.6 | 4.1 | 270.9 | 7.1 | 7.1 | -0.1 | 300.0 | 317.8 | 6.4 | 78.6 | 2.4 | 125 |
| 8.1 | 27.8 | 2250.2 | 775.0 | 5.7 | 1.7 | 268.1 | 8.0 | 8.0 | 0.5 | 300.7 | 316.3 | 5.6 | 75.3 | 3.2 | 114 |
| 9.2 | 30.5 | 2516.1 | 750.0 | 4.0 | -0.5 | 264.6 | 8.2 | 8.2 | 0.8 | 301.6 | 315.4 | 4.9 | 72.0 | 3.6 | 114 |
| 10.1 | 33.3 | 2793.5 | 725.0 | 3.6 | -0.8 | 277.4 | 9.0 | 8.0 | -0.9 | 303.8 | 311.9 | 2.7 | 40.3 | 4.0 | 111 |
| 11.1 | 35.3 | 3077.9 | 700.0 | 2.7 | -19.2 | 283.1 | 8.7 | 8.5 | -2.0 | 305.6 | 309.4 | 1.2 | 18.0 | 4.5 | 110 |
| 12.1 | 38.8 | 3371.0 | 675.0 | 1.0 | -17.0 | 273.1 | 11.4 | 11.4 | -0.6 | 307.0 | 311.6 | 1.5 | 24.6 | 5.1 | 107 |
| 13.1 | 41.4 | 3673.4 | 650.0 | -0.8 | -13.1 | 279.6 | 14.7 | 14.6 | 1.1 | 308.3 | 314.9 | 2.2 | 39.1 | 5.9 | 107 |
| 14.3 | 44.4 | 3985.7 | 625.0 | -2.6 | -12.6 | 265.8 | 18.9 | 18.4 | 1.3 | 313.3 | 316.3 | 0.9 | 17.9 | 8.2 | 97 |
| 15.4 | 47.5 | 4309.9 | 600.0 | -2.6 | -23.6 | 265.8 | 18.4 | 18.4 | 1.3 | 313.3 | 316.3 | 0.9 | 17.9 | 8.2 | 97 |
| 16.6 | 50.5 | 4640.1 | 575.0 | -3.8 | -27.9 | 265.8 | 19.8 | 19.8 | 0.1 | 314.5 | 316.7 | 0.7 | 18.0 | 10.5 | 97 |
| 17.7 | 53.6 | 4990.1 | 550.0 | -7.2 | -27.4 | 265.6 | 20.9 | 20.9 | 1.6 | 315.6 | 318.0 | 0.7 | 18.0 | 12.1 | 95 |
| 18.8 | 56.7 | 5350.6 | 525.0 | -10.4 | -27.9 | 265.6 | 20.7 | 20.7 | 1.5 | 316.0 | 319.5 | 0.7 | 22.0 | 13.1 | 95 |
| 19.9 | 60.3 | 5728.0 | 500.0 | -13.5 | -28.7 | 267.0 | 21.5 | 21.5 | 1.1 | 316.7 | 319.0 | 0.7 | 26.3 | 13.5 | 95 |
| 21.1 | 63.4 | 6116.3 | 475.0 | -16.2 | -33.2 | 262.3 | 22.4 | 22.4 | 2.7 | 317.9 | 319.6 | 0.5 | 21.3 | 15.1 | 94 |
| 22.4 | 66.9 | 6521.4 | 450.0 | -18.8 | -30.9 | 268.4 | 22.5 | 22.5 | 0.6 | 319.6 | 321.8 | 0.6 | 33.5 | 16.4 | 93 |
| 23.7 | 70.4 | 6940.3 | 425.0 | -20.8 | -35.1 | 274.4 | 21.3 | 21.2 | -1.6 | 322.4 | 323.9 | 0.4 | 26.1 | 18.4 | 91 |
| 25.1 | 74.2 | 7391.4 | 400.0 | -24.1 | -35.6 | 276.5 | 23.9 | 23.8 | -2.7 | 323.6 | 325.2 | 0.5 | 33.5 | 20.2 | 91 |
| 26.5 | 78.2 | 7850.1 | 375.0 | -28.4 | -33.6 | 276.1 | 22.9 | 22.7 | -2.4 | 324.1 | 326.1 | 0.6 | 62.3 | 22.2 | 91 |
| 28.1 | 82.0 | 8349.8 | 350.0 | -31.4 | -36.2 | 276.0 | 30.6 | 30.6 | -3.2 | 326.4 | 328.1 | 0.5 | 62.3 | 24.7 | 90 |
| 29.7 | 86.2 | 8865.4 | 325.0 | -34.1 | -40.7 | 273.1 | 35.7 | 35.7 | -1.9 | 326.8 | 328.0 | 0.3 | 62.5 | 26.0 | 90 |
| 31.3 | 90.6 | 9419.9 | 300.0 | -40.7 | 90.3 | 274.3 | 35.7 | 35.6 | -2.7 | 328.0 | 329.9 | 0.3 | 62.5 | 28.0 | 90 |
| 33.2 | 95.3 | 10005.8 | 275.0 | -45.9 | 99.9 | 277.1 | 30.2 | 35.9 | -4.5 | 328.8 | 329.9 | 0.3 | 62.5 | 31.4 | 90 |
| 35.3 | 100.2 | 10632.1 | 250.0 | -51.7 | 99.9 | 272.9 | 34.0 | 34.0 | -1.7 | 329.2 | 329.9 | 0.3 | 62.5 | 35.7 | 90 |
| 37.4 | 105.3 | 11305.8 | 225.0 | -57.8 | 99.9 | 270.5 | 30.4 | 30.4 | -0.3 | 330.0 | 329.9 | 0.3 | 62.5 | 40.3 | 90 |
| 39.7 | 110.9 | 12030.1 | 200.0 | -63.3 | 99.9 | 268.1 | 30.7 | 30.1 | -0.8 | 332.5 | 329.9 | 0.3 | 62.5 | 44.3 | 90 |
| 42.0 | 116.8 | 12663.4 | 175.0 | -68.7 | 99.9 | 308.4 | 31.2 | 29.1 | -18.5 | 336.5 | 329.9 | 0.3 | 62.5 | 48.4 | 90 |
| 44.8 | 123.7 | 13800.5 | 150.0 | -62.8 | 99.9 | 285.1 | 12.8 | 12.4 | -3.3 | 331.9 | 329.9 | 0.3 | 62.5 | 52.4 | 90 |
| 48.3 | 130.3 | 14942.3 | 125.0 | -58.8 | 99.9 | 269.4 | 25.6 | 25.6 | 0.1 | 338.5 | 329.9 | 0.3 | 62.5 | 56.4 | 90 |
| 52.7 | 136.8 | 16341.0 | 100.0 | -59.1 | 99.9 | 276.6 | 19.4 | 19.7 | -3.0 | 413.6 | 329.9 | 0.3 | 62.5 | 60.4 | 90 |
| 58.3 | 147.3 | 18120.5 | 75.0 | -62.9 | 99.9 | 258.9 | 11.8 | 11.5 | -2.3 | 441.0 | 329.9 | 0.3 | 62.5 | 64.4 | 90 |
| 66.3 | 157.3 | 20657.2 | 50.0 | -57.9 | 99.9 | 204.8 | 4.6 | -1.6 | -4.3 | 507.0 | 329.9 | 0.3 | 62.5 | 68.4 | 90 |
| 79.0 | 168.5 | 25078.3 | 25.0 | -51.7 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 636.2 | 329.9 | 0.3 | 62.5 | 72.4 | 90 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 425
HUNTINGTON, WVA

25 APRIL 1975
1212 GMT

| TIME MIN | CATCT | WEIGHT GFM | PRES WB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.7 | 246.0 | 980.1 | 17.0 | 16.0 | 999.9 | 99.9 | 99.9 | 99.9 | 293.4 | 224.2 | 11.8 | 94.0 | 398.4 | 67.6 |
| 0.9 | 90.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 6.2 | 6.2 | 259.4 | 975.0 | 14.1 | 12.9 | 999.9 | 99.9 | 99.9 | 99.9 | 290.6 | 315.7 | 9.7 | 92.6 | 398.4 | 67.6 |
| 0.7 | 11.2 | 510.7 | 950.0 | 14.3 | 13.2 | 999.9 | 99.9 | 99.9 | 99.9 | 293.1 | 319.5 | 10.1 | 93.1 | 398.4 | 67.6 |
| 1.7 | 13.5 | 715.9 | 925.0 | 12.5 | 11.3 | 999.9 | 99.9 | 99.9 | 99.9 | 293.3 | 317.4 | 9.2 | 92.7 | 398.4 | 67.6 |
| 2.3 | 15.6 | 665.6 | 900.0 | 10.8 | 9.3 | 999.9 | 99.9 | 99.9 | 99.9 | 293.7 | 315.5 | 8.2 | 90.4 | 398.4 | 67.6 |
| 3.5 | 17.9 | 1200.3 | 875.0 | 9.3 | 7.5 | 999.9 | 99.9 | 99.9 | 99.9 | 294.5 | 314.3 | 7.4 | 88.0 | 398.4 | 67.6 |
| 4.8 | 20.3 | 1440.5 | 850.0 | 8.1 | 5.8 | 999.9 | 99.9 | 99.9 | 99.9 | 295.6 | 314.0 | 6.8 | 85.3 | 398.4 | 67.6 |
| 6.4 | 22.5 | 1487.3 | 825.0 | 7.5 | 5.1 | 999.9 | 99.9 | 99.9 | 99.9 | 297.4 | 313.6 | 6.7 | 84.9 | 398.4 | 67.6 |
| 7.3 | 25.3 | 1943.8 | 800.0 | 7.0 | 4.6 | 999.9 | 99.9 | 99.9 | 99.9 | 299.4 | 313.7 | 6.7 | 84.6 | 398.4 | 67.6 |
| 8.2 | 27.3 | 2201.9 | 775.0 | 5.7 | 3.6 | 999.9 | 99.9 | 99.9 | 99.9 | 300.8 | 318.5 | 6.4 | 85.9 | 398.4 | 67.6 |
| 9.2 | 30.3 | 2465.9 | 750.0 | 4.4 | 1.9 | 999.9 | 99.9 | 99.9 | 99.9 | 302.1 | 318.4 | 5.9 | 83.7 | 398.4 | 67.6 |
| 10.1 | 32.6 | 2745.8 | 725.0 | 2.7 | 0.6 | 999.9 | 99.9 | 99.9 | 99.9 | 303.2 | 318.7 | 5.5 | 85.7 | 398.4 | 67.6 |
| 11.2 | 35.2 | 3029.4 | 700.0 | 1.2 | -0.7 | 999.9 | 99.9 | 99.9 | 99.9 | 304.5 | 319.3 | 5.2 | 87.2 | 398.4 | 67.6 |
| 12.1 | 37.4 | 3322.3 | 675.0 | 0.6 | -0.9 | 999.9 | 99.9 | 99.9 | 99.9 | 307.0 | 322.3 | 5.3 | 89.4 | 398.4 | 67.6 |
| 13.5 | 40.7 | 3625.0 | 650.0 | -0.9 | -2.4 | 999.9 | 99.9 | 99.9 | 99.9 | 308.5 | 327.3 | 5.0 | 89.9 | 398.4 | 67.6 |
| 14.7 | 43.3 | 3937.8 | 625.0 | -2.4 | -4.5 | 999.9 | 99.9 | 99.9 | 99.9 | 310.3 | 323.3 | 4.4 | 85.4 | 398.4 | 67.6 |
| 14.1 | 46.3 | 4261.3 | 600.0 | -4.1 | -7.1 | 999.9 | 99.9 | 99.9 | 99.9 | 311.8 | 323.0 | 3.8 | 75.8 | 398.4 | 67.6 |
| 17.4 | 49.2 | 4596.0 | 575.0 | -6.2 | -9.8 | 999.9 | 99.9 | 99.9 | 99.9 | 313.6 | 322.7 | 3.2 | 75.5 | 398.4 | 67.6 |
| 19.6 | 52.1 | 4943.1 | 550.0 | -7.8 | -11.7 | 999.9 | 99.9 | 99.9 | 99.9 | 315.2 | 323.9 | 2.8 | 73.2 | 398.4 | 67.6 |
| 19.3 | 55.1 | 5303.9 | 525.0 | -9.9 | -14.0 | 999.9 | 99.9 | 99.9 | 99.9 | 316.8 | 324.5 | 2.3 | 71.6 | 398.4 | 67.6 |
| 21.2 | 58.4 | 5677.0 | 500.0 | -12.2 | -16.4 | 999.9 | 99.9 | 99.9 | 99.9 | 318.4 | 325.1 | 2.1 | 70.4 | 398.4 | 67.6 |
| 22.4 | 62.0 | 6065.4 | 475.0 | -14.9 | -19.3 | 999.9 | 99.9 | 99.9 | 99.9 | 319.7 | 325.4 | 1.7 | 68.4 | 398.4 | 67.6 |
| 25.4 | 65.3 | 6403.2 | 450.0 | -17.4 | -21.9 | 999.9 | 99.9 | 99.9 | 99.9 | 321.6 | 326.4 | 1.5 | 67.6 | 398.4 | 67.6 |
| 26.7 | 72.6 | 7343.9 | 425.0 | -20.3 | -25.0 | 999.9 | 99.9 | 99.9 | 99.9 | 323.0 | 327.4 | 1.2 | 66.2 | 398.4 | 67.6 |
| 28.2 | 76.7 | 7817.4 | 400.0 | -23.5 | -28.2 | 999.9 | 99.9 | 99.9 | 99.9 | 324.4 | 327.6 | 0.9 | 64.6 | 398.4 | 67.6 |
| 29.3 | 80.3 | 8111.0 | 375.0 | -27.3 | -32.2 | 999.9 | 99.9 | 99.9 | 99.9 | 325.4 | 327.8 | 0.7 | 63.2 | 398.4 | 67.6 |
| 31.5 | 85.3 | 8435.9 | 350.0 | -31.7 | -36.6 | 999.9 | 99.9 | 99.9 | 99.9 | 326.0 | 327.6 | 0.5 | 61.2 | 398.4 | 67.6 |
| 33.2 | 89.2 | 8781.7 | 325.0 | -35.9 | -40.8 | 999.9 | 99.9 | 99.9 | 99.9 | 327.2 | 328.4 | 0.3 | 59.8 | 398.4 | 67.6 |
| 35.1 | 94.2 | 9257.6 | 300.0 | -40.6 | -45.9 | 999.9 | 99.9 | 99.9 | 99.9 | 328.2 | 328.2 | 0.2 | 58.6 | 398.4 | 67.6 |
| 36.8 | 99.3 | 10594.0 | 275.0 | -45.9 | -50.9 | 999.9 | 99.9 | 99.9 | 99.9 | 328.7 | 328.7 | 0.1 | 57.6 | 398.4 | 67.6 |
| 38.7 | 104.4 | 11267.9 | 250.0 | -51.6 | -55.9 | 999.9 | 99.9 | 99.9 | 99.9 | 329.4 | 329.4 | 0.1 | 56.9 | 398.4 | 67.6 |
| 40.3 | 110.3 | 11938.3 | 225.0 | -56.1 | -60.4 | 999.9 | 99.9 | 99.9 | 99.9 | 329.5 | 329.5 | 0.1 | 56.9 | 398.4 | 67.6 |
| 43.2 | 116.4 | 12811.0 | 200.0 | -64.9 | -68.9 | 999.9 | 99.9 | 99.9 | 99.9 | 330.0 | 330.0 | 0.1 | 56.9 | 398.4 | 67.6 |
| 45.5 | 123.3 | 13768.7 | 175.0 | -65.6 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 331.6 | 331.6 | 0.1 | 56.9 | 398.4 | 67.6 |
| 49.2 | 130.7 | 14901.7 | 150.0 | -60.2 | -63.9 | 999.9 | 99.9 | 99.9 | 99.9 | 336.4 | 336.4 | 0.1 | 56.9 | 398.4 | 67.6 |
| 52.6 | 138.3 | 16302.3 | 125.0 | -60.6 | -60.9 | 999.9 | 99.9 | 99.9 | 99.9 | 345.3 | 345.3 | 0.1 | 56.9 | 398.4 | 67.6 |
| 56.4 | 146.3 | 18099.0 | 100.0 | -56.8 | -56.9 | 999.9 | 99.9 | 99.9 | 99.9 | 417.9 | 417.9 | 0.1 | 56.9 | 398.4 | 67.6 |
| 59.3 | 59.3 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 449.4 | 449.4 | 0.1 | 56.9 | 398.4 | 67.6 |
| 60.9 | 59.3 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0.1 | 56.9 | 398.4 | 67.6 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 429
DAYTON, OHIO

24 APRIL 1975
1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

148 12.1

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP CG C | DEW PT CG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | WZ RTG GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.8 | 298.0 | 976.6 | 11.1 | 10.2 | 75.0 | 4.2 | -0.2 | -0.4 | 287.2 | 307.9 | 8.0 | 94.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 129. |
| 0.1 | 8.3 | 311.7 | 975.0 | 11.2 | 10.8 | 174.4 | 2.6 | -0.3 | 2.6 | 287.5 | 309.1 | 8.4 | 97.8 | 0.5 | 27. |
| 1.0 | 10.2 | 529.0 | 950.0 | 11.0 | 10.8 | 144.4 | 5.4 | -3.1 | 4.4 | 289.5 | 311.9 | 8.6 | 98.5 | 0.5 | 29. |
| 2.0 | 12.2 | 753.1 | 925.0 | 12.6 | 15.4 | 146.0 | 7.2 | -4.0 | 6.0 | 293.4 | 319.2 | 9.0 | 98.8 | 0.4 | 32. |
| 3.0 | 14.5 | 983.1 | 900.0 | 11.0 | 10.6 | 154.9 | 4.4 | -1.9 | 4.0 | 293.1 | 317.7 | 9.0 | 96.9 | 1.2 | 39. |
| 4.0 | 16.5 | 1218.2 | 875.0 | 9.7 | 9.3 | 162.9 | 4.2 | -1.2 | 4.0 | 293.0 | 317.4 | 8.4 | 97.0 | 1.4 | 31. |
| 5.0 | 18.3 | 1459.0 | 850.0 | 8.4 | 8.0 | 166.9 | 3.4 | -0.8 | 3.3 | 293.0 | 317.3 | 8.0 | 97.5 | 1.6 | 31. |
| 6.1 | 20.3 | 1705.9 | 825.0 | 7.4 | 7.0 | 190.8 | 2.5 | 0.5 | 2.5 | 297.4 | 318.1 | 7.7 | 97.2 | 1.4 | 32. |
| 6.9 | 23.1 | 1959.1 | 800.0 | 5.6 | 5.3 | 196.8 | 3.8 | 1.1 | 1.6 | 298.1 | 317.2 | 7.0 | 97.7 | 1.9 | 32. |
| 7.9 | 25.5 | 2218.9 | 775.0 | 4.0 | 3.7 | 213.1 | 4.8 | 2.0 | 4.1 | 299.0 | 316.7 | 6.5 | 97.6 | 2.0 | 31. |
| 8.0 | 27.9 | 2465.2 | 750.0 | 2.8 | 2.5 | 218.8 | 6.3 | 4.0 | 4.9 | 300.4 | 317.3 | 6.1 | 98.0 | 2.2 | 30. |
| 9.0 | 30.3 | 2758.9 | 725.0 | 0.4 | 0.1 | 219.0 | 6.5 | 4.1 | 5.0 | 300.6 | 315.4 | 5.3 | 97.7 | 2.4 | 34. |
| 11.2 | 32.9 | 3039.9 | 700.0 | -1.3 | -1.6 | 226.5 | 6.1 | 4.4 | 4.2 | 301.7 | 315.5 | 4.9 | 97.8 | 2.8 | 37. |
| 12.4 | 35.4 | 3329.3 | 675.0 | -3.5 | -0.7 | 233.9 | 4.7 | 3.8 | 2.8 | 304.1 | 312.1 | 3.4 | 78.6 | 3.0 | 3. |
| 13.4 | 37.9 | 3626.5 | 650.0 | -5.6 | -1.7 | 241.0 | 3.0 | 2.6 | 1.4 | 308.9 | 309.5 | 2.2 | 57.2 | 3.1 | 6. |
| 14.4 | 40.5 | 3933.9 | 625.0 | -6.8 | -1.4 | 262.2 | 1.4 | 1.7 | 0.2 | 308.9 | 310.9 | 2.0 | 54.5 | 3.2 | 9. |
| 16.2 | 43.1 | 4281.5 | 600.0 | -8.4 | -1.1 | 247.8 | 3.8 | 3.5 | 1.4 | 308.6 | 313.0 | 2.1 | 57.5 | 3.3 | 11. |
| 17.7 | 45.9 | 4581.8 | 575.0 | -9.0 | -1.2 | 269.5 | 6.9 | 6.9 | 0.5 | 308.6 | 313.0 | 2.5 | 74.5 | 3.6 | 19. |
| 19.1 | 48.7 | 4924.7 | 550.0 | -11.4 | -1.1 | 268.3 | 7.6 | 7.6 | 0.2 | 310.8 | 318.0 | 2.3 | 80.2 | 3.8 | 24. |
| 20.4 | 51.4 | 5283.7 | 525.0 | -12.9 | -1.5 | 254.7 | 10.5 | 10.2 | 2.0 | 313.1 | 319.7 | 2.1 | 79.4 | 4.2 | 35. |
| 22.0 | 54.4 | 5651.5 | 500.0 | -15.2 | -1.6 | 260.7 | 15.0 | 14.8 | 2.4 | 316.7 | 320.3 | 1.8 | 74.6 | 5.3 | 44. |
| 23.5 | 57.1 | 6037.4 | 475.0 | -17.5 | -2.1 | 257.8 | 15.2 | 14.9 | 3.2 | 318.4 | 321.0 | 1.4 | 70.0 | 6.4 | 52. |
| 25.1 | 60.4 | 6440.8 | 450.0 | -20.3 | -2.4 | 235.0 | 18.1 | 14.8 | 10.4 | 317.8 | 321.7 | 1.2 | 70.8 | 7.8 | 55. |
| 26.7 | 63.7 | 6862.3 | 425.0 | -24.8 | -2.5 | 223.3 | 21.8 | 15.0 | 15.9 | 319.9 | 323.5 | 1.1 | 77.2 | 9.4 | 51. |
| 28.4 | 66.9 | 7304.8 | 400.0 | -25.1 | -2.8 | 224.6 | 27.2 | 18.1 | 15.4 | 322.4 | 325.5 | 0.9 | 75.4 | 12.3 | 51. |
| 30.1 | 70.3 | 7771.1 | 375.0 | -28.4 | -3.2 | 231.8 | 33.2 | 28.1 | 20.5 | 326.0 | 328.3 | 0.7 | 67.5 | 15.4 | 50. |
| 32.1 | 73.9 | 8211.2 | 350.0 | -32.9 | -3.7 | 239.2 | 36.5 | 31.3 | 16.7 | 328.4 | 325.9 | 0.4 | 63.6 | 19.7 | 52. |
| 34.1 | 77.7 | 8776.7 | 325.0 | -36.9 | -4.1 | 240.9 | 39.7 | 34.7 | 15.1 | 325.8 | 326.9 | 0.3 | 62.3 | 24.0 | 53. |
| 36.2 | 81.3 | 9328.0 | 300.0 | -41.2 | -4.9 | 239.3 | 42.7 | 36.8 | 21.4 | 327.4 | 329.9 | 0.9 | 99.9 | 29.2 | 54. |
| 38.7 | 85.3 | 9913.3 | 275.0 | -46.1 | -5.1 | 241.2 | 43.4 | 38.1 | 21.0 | 328.5 | 329.9 | 0.9 | 99.9 | 35.9 | 54. |
| 41.4 | 89.7 | 10539.1 | 250.0 | -51.6 | -5.9 | 242.4 | 46.5 | 41.2 | 21.5 | 329.4 | 329.9 | 0.9 | 99.9 | 43.0 | 57. |
| 44.0 | 94.4 | 11214.2 | 225.0 | -57.3 | -6.9 | 242.5 | 49.0 | 43.7 | 22.6 | 330.7 | 329.9 | 0.9 | 99.9 | 51.7 | 57. |
| 47.0 | 99.2 | 11950.2 | 200.0 | -62.5 | -7.9 | 246.9 | 47.6 | 43.8 | 18.6 | 333.8 | 329.9 | 0.9 | 99.9 | 58.5 | 58. |
| 50.3 | 104.4 | 12763.7 | 175.0 | -66.9 | -8.9 | 263.6 | 46.1 | 45.8 | 5.1 | 336.6 | 329.9 | 0.9 | 99.9 | 66.9 | 51. |
| 53.9 | 110.2 | 13714.7 | 150.0 | -59.4 | -9.9 | 272.0 | 26.1 | 28.0 | -1.2 | 367.9 | 329.9 | 0.9 | 99.9 | 73.5 | 64. |
| 58.1 | 116.3 | 14855.5 | 125.0 | -59.9 | -9.9 | 256.8 | 24.0 | 23.3 | 5.5 | 386.5 | 329.9 | 0.9 | 99.9 | 79.5 | 65. |
| 63.5 | 123.7 | 16254.4 | 100.0 | -59.0 | -9.9 | 257.5 | 15.9 | 15.6 | 3.5 | 413.7 | 329.9 | 0.9 | 99.9 | 85.7 | 66. |
| 69.9 | 131.5 | 18044.7 | 75.0 | -62.4 | -9.9 | 262.6 | 8.4 | 8.3 | 1.1 | 442.2 | 329.9 | 0.9 | 99.9 | 91.2 | 68. |
| 78.6 | 140.3 | 20595.0 | 50.0 | -56.0 | -9.9 | 252.6 | 4.8 | 4.6 | 1.4 | 511.6 | 329.9 | 0.9 | 99.9 | 94.6 | 68. |
| 92.3 | 149.0 | 25022.3 | 25.0 | -52.5 | -9.9 | 53.7 | 3.4 | -2.7 | -2.0 | 633.8 | 329.9 | 0.9 | 99.9 | 93.8 | 68. |

ORIGINAL PAGE IS
OF POOR QUALITY

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILL25 APRIL 1975
1115 GM1

159 14. 0

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.5 | 174.0 | 990.0 | 14.4 | 13.4 | 10.0 | 2.1 | -0.4 | -2.1 | 299.7 | 313.0 | 9.9 | 94.0 | 0.0 | 0. |
| 00.9 | 00.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 6.6 | 304.7 | 97.0 | 14.8 | 13.4 | 343.7 | 3.2 | 0.7 | -3.1 | 291.4 | 317.2 | 10.0 | 90.9 | 0.1 | 14.8 |
| 1.0 | 8.0 | 524.6 | 95.0 | 13.5 | 12.2 | 300.6 | 2.1 | 1.0 | -1.1 | 292.2 | 316.8 | 9.4 | 91.5 | 0.1 | 15.2 |
| 1.6 | 10.3 | 740.4 | 925.0 | 12.5 | 11.1 | 262.7 | 4.4 | 4.4 | 0.6 | 293.3 | 317.0 | 9.0 | 91.4 | 0.2 | 12.3 |
| 2.4 | 12.6 | 979.4 | 900.0 | 11.3 | 9.9 | 277.1 | 4.2 | 4.2 | -0.5 | 294.3 | 317.0 | 8.6 | 91.2 | 0.4 | 12.0 |
| 3.3 | 15.7 | 1214.8 | 875.0 | 10.2 | 8.8 | 270.0 | 4.4 | 4.4 | -0.8 | 295.5 | 317.3 | 8.2 | 91.1 | 0.6 | 13.5 |
| 4.1 | 16.7 | 1456.1 | 850.0 | 9.2 | 7.8 | 271.9 | 6.8 | 6.4 | -0.2 | 296.8 | 317.9 | 7.8 | 90.6 | 0.4 | 10.2 |
| 4.9 | 18.9 | 1703.9 | 825.0 | 8.8 | 7.4 | 266.8 | 10.2 | 10.2 | 0.6 | 294.7 | 320.2 | 7.9 | 90.8 | 1.2 | 3.4 |
| 5.7 | 21.0 | 1556.5 | 800.0 | 7.5 | 5.0 | 277.0 | 9.0 | 8.9 | -1.1 | 300.1 | 319.8 | 7.2 | 87.9 | 1.8 | 26.1 |
| 6.6 | 23.6 | 2220.1 | 775.0 | 6.0 | 3.3 | 286.1 | 8.1 | 7.8 | -2.3 | 301.1 | 318.5 | 6.3 | 82.4 | 2.2 | 37. |
| 7.3 | 25.5 | 2429.5 | 750.0 | 4.1 | 2.5 | 287.6 | 8.4 | 8.3 | -2.5 | 301.4 | 314.9 | 6.1 | 89.4 | 2.6 | 4.0 |
| 8.3 | 28.3 | 2763.7 | 725.0 | 2.4 | 1.1 | 287.9 | 8.6 | 8.2 | -2.6 | 302.8 | 318.9 | 5.7 | 91.3 | 3.0 | 10.0 |
| 9.2 | 30.5 | 3087.0 | 700.0 | 0.6 | -0.8 | 291.8 | 9.4 | 8.8 | -3.5 | 303.8 | 318.5 | 4.4 | 85.8 | 4.1 | 1.3 |
| 10.2 | 33.3 | 3334.1 | 675.0 | -1.4 | -3.4 | 293.2 | 10.2 | 9.4 | -4.0 | 304.7 | 317.4 | 3.7 | 79.2 | 4.7 | 12.4 |
| 11.2 | 35.5 | 3638.5 | 650.0 | -3.3 | -6.4 | 290.0 | 11.2 | 10.5 | -3.8 | 305.7 | 316.4 | 2.1 | 50.2 | 5.4 | 12.5 |
| 12.1 | 38.1 | 3947.7 | 625.0 | -5.3 | -14.0 | 295.4 | 12.4 | 11.2 | -5.3 | 306.6 | 312.9 | 1.5 | 40.6 | 6.1 | 10.7 |
| 13.2 | 40.7 | 4207.1 | 600.0 | -7.5 | -19.6 | 296.4 | 13.0 | 12.1 | -8.8 | 307.6 | 312.1 | 0.9 | 24.2 | 7.1 | 12.9 |
| 14.2 | 43.4 | 4536.6 | 575.0 | -9.0 | -27.6 | 301.3 | 17.0 | 14.6 | -8.8 | 308.4 | 310.9 | 0.8 | 1.0 | 8.3 | 11.1 |
| 15.3 | 46.4 | 4838.9 | 550.0 | -11.4 | -57.1 | 305.2 | 14.1 | 14.8 | -10.4 | 310.6 | 310.7 | 0.7 | 1.0 | 9.5 | 11.3 |
| 16.5 | 49.4 | 5233.8 | 525.0 | -14.2 | -58.4 | 304.0 | 17.3 | 14.3 | -9.7 | 311.3 | 311.4 | 0.0 | 1.0 | 10.8 | 11.4 |
| 17.9 | 52.3 | 5661.9 | 500.0 | -16.9 | -60.7 | 302.5 | 16.6 | 14.0 | -8.7 | 312.4 | 312.4 | 0.0 | 1.0 | 12.1 | 11.5 |
| 19.1 | 55.4 | 6044.6 | 475.0 | -20.0 | -62.7 | 297.9 | 14.2 | 17.0 | -9.0 | 313.2 | 313.2 | 0.0 | 1.0 | 14.0 | 11.5 |
| 20.6 | 58.7 | 6443.0 | 450.0 | -22.9 | -64.5 | 290.7 | 21.6 | 20.2 | -7.6 | 314.4 | 314.4 | 0.0 | 1.0 | 15.8 | 11.6 |
| 21.9 | 62.1 | 6858.9 | 425.0 | -26.5 | -66.9 | 281.9 | 22.0 | 21.6 | -4.5 | 315.0 | 315.0 | 0.0 | 1.0 | 17.7 | 11.2 |
| 23.4 | 65.7 | 7294.1 | 400.0 | -29.7 | -69.0 | 273.4 | 24.5 | 24.1 | -4.6 | 316.4 | 316.4 | 0.0 | 1.0 | 19.1 | 17.1 |
| 25.0 | 69.5 | 7751.7 | 375.0 | -32.1 | -70.9 | 260.7 | 24.5 | 24.1 | -4.6 | 319.0 | 319.0 | 0.0 | 1.0 | 22.2 | 17.1 |
| 26.5 | 73.2 | 8234.1 | 350.0 | -34.8 | -72.3 | 250.9 | 35.8 | 33.4 | 11.7 | 321.6 | 321.6 | 0.0 | 1.0 | 25.4 | 17.0 |
| 28.1 | 77.3 | 8752.4 | 325.0 | -36.0 | -73.2 | 240.8 | 41.1 | 35.7 | 20.0 | 326.9 | 327.0 | 0.0 | 1.0 | 28.4 | 24. |
| 29.8 | 81.5 | 9272.7 | 300.0 | -38.9 | -75.9 | 226.4 | 41.8 | 30.2 | 24.8 | 329.3 | 329.3 | 99.9 | 99.9 | 31.4 | 27. |
| 31.4 | 85.0 | 9822.9 | 275.0 | -44.4 | -79.3 | 227.1 | 46.4 | 34.0 | 11.6 | 330.6 | 330.6 | 99.9 | 99.9 | 36.4 | 42. |
| 33.6 | 91.3 | 10322.9 | 250.0 | -46.8 | -80.9 | 230.3 | 47.9 | 36.9 | 10.6 | 332.0 | 332.0 | 99.9 | 99.9 | 42.7 | 77. |
| 35.9 | 97.2 | 11202.8 | 225.0 | -53.3 | -89.9 | 239.1 | 50.6 | 43.4 | 26.0 | 337.6 | 337.6 | 99.9 | 99.9 | 49.5 | 76. |
| 38.1 | 101.4 | 11946.1 | 200.0 | -60.3 | -99.9 | 252.4 | 50.4 | 48.1 | 15.2 | 337.6 | 337.6 | 99.9 | 99.9 | 56.2 | 70. |
| 40.9 | 108.1 | 12776.7 | 175.0 | -60.8 | -99.9 | 264.5 | 26.3 | 26.2 | 2.5 | 349.6 | 349.6 | 99.9 | 99.9 | 62.3 | 72. |
| 44.2 | 115.3 | 13744.3 | 150.0 | -57.4 | -99.9 | 274.9 | 29.4 | 29.3 | -2.5 | 371.2 | 371.2 | 99.9 | 99.9 | 68.4 | 74. |
| 47.9 | 123.3 | 14933.2 | 125.0 | -58.9 | -99.9 | 282.3 | 18.4 | 18.2 | 2.5 | 388.3 | 388.3 | 99.9 | 99.9 | 72.7 | 74. |
| 52.2 | 131.5 | 16291.5 | 100.0 | -54.5 | -99.9 | 255.1 | 25.6 | 24.7 | 6.6 | 412.7 | 412.7 | 99.9 | 99.9 | 79.0 | 81. |
| 58.0 | 140.5 | 19095.8 | 75.0 | -58.3 | -99.9 | 267.8 | 7.4 | 7.0 | -2.3 | 450.7 | 450.7 | 99.9 | 99.9 | 82.1 | 91. |
| 65.5 | 150.3 | 20619.5 | 50.0 | -57.2 | -99.9 | 353.7 | 4.8 | 0.5 | -4.8 | 508.2 | 508.2 | 99.9 | 99.9 | 82.2 | 83. |
| 70.2 | 160.3 | 25382.9 | 25.0 | -51.3 | -99.9 | 43.8 | 2.4 | -1.7 | -1.7 | 637.1 | 637.1 | 99.9 | 99.9 | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 451
DODGE CITY, KAN

25 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | QW PT CS C | DIR DG | SPED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/RC | HM PCY | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|---------------|-----------|---------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 13.3 | 791.0 | 921.1 | 10.6 | 9.5 | 140.0 | 3.2 | -2.1 | 2.5 | 291.6 | 312.9 | 8.1 | 93.0 | 0.7 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 0.7 | 15.4 | 580.0 | 900.0 | 13.6 | 11.4 | 176.7 | 10.6 | -7.3 | 7.7 | 290.8 | 322.1 | 9.5 | 86.6 | 0.8 | 32.0 |
| 1.6 | 17.4 | 1224.4 | 875.0 | 14.5 | 7.1 | 111.3 | 9.0 | -6.7 | 5.9 | 290.8 | 317.7 | 7.3 | 61.3 | 0.9 | 32.0 |
| 4.3 | 20.3 | 1469.4 | 850.0 | 14.5 | -9.2 | 136.2 | 9.5 | -3.6 | 4.2 | 301.9 | 316.8 | 4.8 | 37.5 | 1.3 | 31.0 |
| 3.1 | 22.9 | 1721.1 | 825.0 | 14.7 | -10.8 | 171.0 | 4.7 | -0.7 | 4.7 | 308.4 | 310.6 | 2.0 | 16.0 | 1.5 | 32.0 |
| 3.9 | 25.3 | 1941.1 | 800.0 | 13.9 | -11.8 | 228.2 | 6.1 | 4.6 | 4.1 | 308.3 | 312.2 | 1.9 | 15.6 | 1.6 | 32.0 |
| 4.9 | 27.9 | 2247.4 | 775.0 | 12.6 | -14.9 | 280.6 | 10.6 | 9.2 | 5.2 | 307.5 | 312.3 | 1.8 | 13.2 | 1.7 | 34.1 |
| 5.8 | 30.6 | 2521.4 | 750.0 | 11.2 | -20.4 | 239.8 | 14.1 | 12.2 | 7.1 | 308.8 | 312.0 | 1.0 | 9.0 | 2.0 | 3. |
| 6.7 | 33.3 | 2802.7 | 725.0 | 8.8 | -22.0 | 256.8 | 12.5 | 12.1 | 2.9 | 309.2 | 312.2 | 0.9 | 9.2 | 2.4 | 14. |
| 7.7 | 36.0 | 3091.7 | 700.0 | 6.9 | -23.2 | 258.0 | 11.3 | 11.0 | 2.4 | 310.2 | 313.0 | 0.8 | 9.4 | 2.8 | 31. |
| 8.6 | 38.4 | 3388.9 | 675.0 | 4.2 | -21.8 | 250.1 | 10.7 | 10.0 | 3.6 | 310.5 | 313.6 | 1.0 | 12.9 | 3.3 | 40. |
| 9.6 | 41.6 | 3654.0 | 650.0 | 1.2 | -22.0 | 253.3 | 9.4 | 8.0 | 2.4 | 310.4 | 313.6 | 1.0 | 15.7 | 3.4 | 40. |
| 10.6 | 44.5 | 4007.8 | 625.0 | -1.7 | -20.7 | 250.5 | 9.9 | 6.8 | 1.4 | 310.6 | 314.4 | 1.2 | 21.8 | 4.2 | 47. |
| 11.6 | 47.5 | 4310.7 | 600.0 | -4.9 | -19.8 | 254.5 | 7.7 | 7.4 | 2.1 | 310.6 | 314.7 | 1.3 | 20.9 | 4.4 | 50. |
| 12.7 | 50.3 | 4664.1 | 575.0 | -8.3 | -38.9 | 254.4 | 11.1 | 10.7 | 3.0 | 312.7 | 314.1 | 0.4 | 10.4 | 5.1 | 51. |
| 13.4 | 53.4 | 5010.7 | 550.0 | -8.0 | -59.0 | 262.9 | 13.0 | 12.9 | 1.6 | 312.5 | 314.7 | 0.0 | 1.0 | 5.9 | 51. |
| 15.0 | 56.3 | 5370.7 | 525.0 | -10.0 | -59.3 | 268.4 | 13.3 | 13.3 | 0.3 | 316.3 | 316.5 | 0.0 | 1.0 | 6.7 | 60. |
| 16.2 | 59.6 | 5744.4 | 500.0 | -13.4 | -58.4 | 272.7 | 13.0 | 13.0 | -0.6 | 316.6 | 316.7 | 0.0 | 1.0 | 7.5 | 64. |
| 17.5 | 63.1 | 6132.6 | 475.0 | -16.0 | -60.1 | 270.0 | 14.2 | 14.2 | 0.0 | 316.6 | 316.7 | 0.0 | 1.0 | 8.5 | 47. |
| 18.6 | 66.3 | 6537.5 | 450.0 | -19.1 | -65.1 | 273.2 | 13.8 | 13.8 | -0.8 | 319.2 | 319.3 | 0.0 | 1.0 | 9.5 | 70. |
| 20.2 | 71.0 | 6955.9 | 425.0 | -22.3 | -65.1 | 268.8 | 14.7 | 14.6 | 0.9 | 320.4 | 320.4 | 0.0 | 1.0 | 10.7 | 72. |
| 21.7 | 73.5 | 7402.1 | 400.0 | -26.3 | -65.0 | 271.0 | 14.7 | 10.7 | -0.4 | 320.8 | 320.8 | 0.0 | 1.3 | 12.3 | 74. |
| 23.2 | 77.4 | 7846.6 | 375.0 | -30.5 | -52.1 | 272.6 | 14.2 | 14.2 | -0.9 | 321.1 | 321.4 | 0.1 | 4.7 | 15.9 | 79. |
| 24.3 | 81.2 | 8351.1 | 350.0 | -34.1 | -60.9 | 267.5 | 14.6 | 14.6 | 0.9 | 322.7 | 322.9 | 0.0 | 4.7 | 15.9 | 79. |
| 26.7 | 85.4 | 8846.3 | 325.0 | -37.6 | -63.0 | 263.1 | 24.9 | 24.7 | 3.0 | 324.7 | 324.8 | 0.0 | 5.1 | 18.2 | 74. |
| 28.5 | 89.6 | 9413.4 | 300.0 | -41.9 | 99.9 | 267.3 | 25.1 | 25.1 | 1.2 | 325.3 | 325.3 | 99.9 | 99.9 | 21.0 | 80. |
| 30.6 | 94.3 | 9956.1 | 275.0 | -46.9 | 99.9 | 270.3 | 24.4 | 24.4 | -0.1 | 327.3 | 327.3 | 99.9 | 99.9 | 24.2 | 81. |
| 32.8 | 99.0 | 10620.1 | 250.0 | -52.2 | 99.9 | 268.1 | 24.5 | 24.4 | 0.9 | 328.4 | 328.4 | 99.9 | 99.9 | 24.0 | 81. |
| 34.2 | 103.8 | 11295.7 | 225.0 | -56.8 | 99.9 | 272.5 | 31.4 | 31.4 | -1.4 | 331.5 | 331.5 | 99.9 | 99.9 | 32.2 | 81. |
| 37.4 | 109.5 | 12013.0 | 200.0 | -62.2 | 99.9 | 272.5 | 30.5 | 30.4 | -1.3 | 334.3 | 334.3 | 99.9 | 99.9 | 37.0 | 85. |
| 40.8 | 115.4 | 12474.8 | 175.0 | -66.2 | 99.9 | 273.3 | 25.3 | 25.3 | -1.7 | 337.5 | 337.5 | 99.9 | 99.9 | 43.1 | 87. |
| 44.0 | 122.0 | 13789.1 | 150.0 | -61.9 | 99.9 | 260.9 | 31.5 | 31.0 | 5.3 | 343.5 | 343.5 | 99.9 | 99.9 | 48.7 | 80. |
| 48.1 | 129.3 | 14926.8 | 125.0 | -60.9 | 99.9 | 269.6 | 24.7 | 24.7 | 0.2 | 348.7 | 348.7 | 99.9 | 99.9 | 56.1 | 87. |
| 52.7 | 137.0 | 16304.2 | 100.0 | -62.8 | 99.9 | 257.0 | 27.3 | 26.8 | 0.2 | 408.3 | 408.3 | 99.9 | 99.9 | 62.9 | 87. |
| 56.0 | 145.3 | 18086.6 | 75.0 | -57.8 | 99.9 | 260.4 | 15.4 | 15.2 | 2.6 | 451.6 | 451.6 | 99.9 | 99.9 | 70.6 | 91. |
| 66.3 | 195.0 | 20623.1 | 50.0 | -59.0 | 99.9 | 268.7 | 4.5 | 4.5 | 0.1 | 504.6 | 504.6 | 99.9 | 99.9 | 72.7 | 95. |
| 78.2 | 185.0 | 25083.4 | 25.0 | -50.0 | 99.9 | 343.4 | 6.8 | 1.9 | -0.5 | 640.8 | 640.8 | 99.9 | 99.9 | 73.4 | 95. |

0 BY SPEC MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF FOUR QUALITY

ORIGINAL PAGE IS

STATION NO. 456
TOPEKA, KAN25 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | WEIGHT GEM | PRES MB | TEMP DG C | DEW PT DG C | DIP DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | FOF 7 DG K | E POT 7 DG K | MX RTO CM/KG | AM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.0 | 268.0 | 580.9 | 11.1 | 11.1 | 20.0 | 1.5 | -0.5 | -1.4 | 286.9 | 308.7 | 6.5 | 100.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 6.4 | 318.3 | 975.0 | 11.6 | 11.6 | 999.9 | 99.9 | 99.9 | 99.9 | 288.2 | 310.9 | 8.8 | 98.6 | 999.9 | 99.9 |
| 3.8 | 6.3 | 537.9 | 950.0 | 14.4 | 12.7 | 999.9 | 99.9 | 99.9 | 99.9 | 293.1 | 316.7 | 9.6 | 89.6 | 999.9 | 99.9 |
| 1.5 | 10.3 | 764.1 | 925.0 | 15.4 | 9.3 | 999.9 | 99.9 | 99.9 | 99.9 | 296.1 | 317.6 | 6.0 | 67.4 | 999.9 | 99.9 |
| 2.3 | 12.2 | 995.3 | 900.0 | 15.1 | 4.8 | 343.1 | 2.9 | 0.8 | -2.0 | 297.9 | 314.4 | 6.0 | 50.4 | 0.3 | 152 |
| 3.0 | 14.3 | 1236.6 | 875.0 | 1.1 | -0.6 | 349 | 4.1 | -0.3 | -0.1 | 299.0 | 310.9 | 4.2 | 36.4 | 0.6 | 154 |
| 3.7 | 16.1 | 1476.0 | 850.0 | 11.9 | -3.9 | 14.2 | 4.8 | -0.2 | -0.6 | 299.1 | 309.7 | 3.4 | 32.7 | 0.6 | 159 |
| 4.5 | 19.2 | 1727.2 | 825.0 | 11.0 | -20.7 | 358.6 | 3.9 | 0.1 | -3.9 | 300.3 | 303.1 | 0.9 | 9.0 | 0.6 | 175 |
| 5.4 | 20.4 | 1983.1 | 800.0 | 5.8 | -19.0 | 309.1 | 7.2 | 5.8 | -8.6 | 301.7 | 305.0 | 1.1 | 11.3 | 1.3 | 167 |
| 6.3 | 22.4 | 2245.3 | 775.0 | 7.3 | -17.0 | 310.9 | 9.6 | 7.2 | -6.2 | 301.8 | 305.6 | 1.3 | 15.7 | 1.4 | 151 |
| 7.2 | 24.7 | 2514.1 | 750.0 | 6.6 | -35.1 | 329.3 | 10.2 | 4.7 | -7.9 | 303.7 | 308.6 | 0.3 | 3.7 | 1.9 | 151 |
| 8.0 | 26.9 | 2791.6 | 725.0 | 6.0 | -46.2 | 332.3 | 9.4 | 4.4 | -8.4 | 306.1 | 308.4 | 0.1 | 1.0 | 2.6 | 153 |
| 9.7 | 29.2 | 3076.2 | 700.0 | 5.5 | -46.5 | 315.1 | 9.0 | 6.8 | -8.8 | 309.0 | 309.1 | 0.1 | 1.0 | 3.5 | 147 |
| 10.3 | 31.6 | 3373.8 | 675.0 | 3.0 | -48.1 | 303.7 | 10.1 | 8.4 | -9.6 | 309.4 | 309.7 | 0.1 | 1.3 | 4.1 | 143 |
| 11.1 | 34.1 | 3677.6 | 650.0 | 0.4 | -47.3 | 298.7 | 10.3 | 9.1 | -9.3 | 309.4 | 310.1 | 0.1 | 1.3 | 4.7 | 134 |
| 12.1 | 36.5 | 3900.4 | 625.0 | -2.2 | -49.5 | 299.0 | 11.4 | 9.9 | -9.5 | 310.5 | 310.7 | 0.1 | 1.0 | 5.5 | 13 |
| 13.2 | 39.1 | 4112.4 | 600.0 | -4.6 | -53.0 | 298.5 | 12.3 | 10.8 | -9.9 | 310.5 | 311.1 | 0.0 | 1.0 | 6.3 | 134 |
| 14.3 | 41.6 | 4345.8 | 575.0 | -7.7 | -54.8 | 297.5 | 12.2 | 10.8 | -9.6 | 311.0 | 311.7 | 0.0 | 1.0 | 7.1 | 132 |
| 15.6 | 44.3 | 4595.5 | 550.0 | -10.5 | -55.4 | 291.9 | 13.1 | 12.2 | -9.9 | 311.6 | 313.0 | 0.0 | 1.2 | 8.1 | 124 |
| 16.9 | 47.2 | 5353.7 | 525.0 | -13.0 | -51.7 | 290.6 | 14.5 | 13.6 | -9.0 | 312.8 | 313.2 | 0.1 | 3.5 | 9.1 | 127 |
| 18.3 | 50.3 | 5715.1 | 500.0 | -16.5 | -50.4 | 291.8 | 16.1 | 15.0 | -9.4 | 314.7 | 314.8 | 0.0 | 1.4 | 10.5 | 125 |
| 19.3 | 53.3 | 6093.7 | 475.0 | -18.8 | -59.4 | 301.1 | 18.2 | 15.6 | -9.4 | 314.7 | 316.2 | 0.0 | 1.7 | 11.9 | 125 |
| 20.5 | 55.9 | 6495.6 | 450.0 | -21.5 | -59.8 | 300.3 | 19.6 | 16.9 | -9.3 | 314.1 | 316.2 | 0.0 | 1.7 | 13.6 | 124 |
| 22.2 | 59.1 | 6918.3 | 425.0 | -24.9 | -54.1 | 297.1 | 20.2 | 17.6 | -8.9 | 317.0 | 317.1 | 0.1 | 6.6 | 15.8 | 124 |
| 23.6 | 62.6 | 7356.7 | 400.0 | -27.0 | -53.4 | 296.6 | 22.3 | 19.5 | -10.7 | 318.4 | 320.1 | 0.1 | 10.6 | 18.1 | 123 |
| 25.3 | 65.9 | 7816.8 | 375.0 | -31.5 | -52.4 | 296.8 | 24.5 | 21.9 | -11.1 | 319.8 | 321.3 | 0.1 | 11.6 | 20.5 | 122 |
| 27.0 | 69.4 | 8316.4 | 350.0 | -35.3 | -54.7 | 298.7 | 26.6 | 24.4 | -11.7 | 321.1 | 322.5 | 0.1 | 11.9 | 22.7 | 122 |
| 29.7 | 73.1 | 8815.3 | 325.0 | -39.1 | -57.6 | 295.1 | 28.6 | 24.1 | -12.6 | 322.6 | 322.5 | 0.1 | 11.9 | 25.6 | 121 |
| 30.4 | 77.2 | 9357.4 | 300.0 | -42.2 | -59.9 | 295.1 | 32.8 | 29.7 | -13.9 | 324.4 | 324.4 | 99.9 | 99.9 | 28.2 | 120 |
| 32.4 | 81.2 | 9935.3 | 275.0 | -46.9 | -59.9 | 297.5 | 38.1 | 37.9 | -17.7 | 327.3 | 327.3 | 99.9 | 99.9 | 30.6 | 120 |
| 34.8 | 85.7 | 10563.2 | 250.0 | -51.4 | -59.9 | 277.1 | 44.6 | 39.7 | -20.3 | 330.6 | 330.6 | 99.9 | 99.9 | 42.7 | 119 |
| 37.3 | 90.4 | 11239.8 | 225.0 | -56.3 | -59.9 | 298.4 | 37.9 | 33.4 | -18.0 | 332.3 | 332.3 | 99.9 | 99.9 | 47.2 | 119 |
| 39.6 | 95.6 | 11982.4 | 200.0 | -59.8 | -59.9 | 283.4 | 26.2 | 25.5 | -21.1 | 338.1 | 338.1 | 99.9 | 99.9 | 51.2 | 116 |
| 42.2 | 101.2 | 12807.1 | 175.0 | -64.6 | -59.9 | 271.2 | 37.9 | 37.9 | -20.8 | 343.4 | 343.4 | 99.9 | 99.9 | 51.2 | 116 |
| 45.7 | 107.7 | 13764.2 | 150.0 | -60.3 | -59.9 | 281.3 | 31.9 | 31.2 | -26.2 | 346.2 | 346.2 | 99.9 | 99.9 | 51.2 | 116 |
| 49.9 | 115.0 | 14500.5 | 125.0 | -61.1 | -59.9 | 275.9 | 30.1 | 29.9 | -26.1 | 348.4 | 348.4 | 99.9 | 99.9 | 51.2 | 116 |
| 54.6 | 123.3 | 16300.4 | 100.0 | -58.9 | -59.9 | 277.3 | 26.6 | 26.4 | -34.4 | 343.9 | 343.9 | 99.9 | 99.9 | 71.5 | 110 |
| 59.6 | 134.0 | 18100.4 | 75.0 | -50.9 | -59.9 | 227.3 | 6.1 | 4.1 | 4.4 | 445.3 | 445.3 | 99.9 | 99.9 | 70.6 | 110 |
| 67.3 | 147.0 | 22630.7 | 50.0 | -58.1 | -59.9 | 280.0 | 3.9 | 3.7 | -1.2 | 506.6 | 506.6 | 99.9 | 99.9 | 70.6 | 108 |
| 80.7 | 162.0 | 25091.9 | 25.0 | -50.1 | -59.9 | 63.6 | 10.0 | -8.9 | -8.4 | 670.6 | 670.6 | 99.9 | 99.9 | 80.9 | 111 |

0.1 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0.5 TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

0.0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 486
PORT TOTTEN, N Y

25 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRPS MB | TEMP DG C | CLW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T LG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE AZ KM | 14. 0 |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|----------------|-------|
| 0.0 | 4.9 | 8.2 | 1009.5 | 14.4 | 13.0 | 999.9 | 99.9 | 99.9 | 99.9 | 284.0 | 314.0 | 9.4 | 91.0 | 999.9 | 999.9 |
| 0.4 | 5.6 | 88.5 | 1000.0 | 15.0 | 13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 289.4 | 314.0 | 9.5 | 88.4 | 999.9 | 999.9 |
| 1.1 | 7.5 | 302.8 | 975.0 | 13.3 | 12.4 | 999.9 | 99.9 | 99.9 | 99.9 | 289.8 | 313.9 | 9.3 | 93.9 | 999.9 | 999.9 |
| 1.8 | 5.6 | 521.4 | 950.0 | 12.0 | 11.5 | 999.9 | 99.9 | 99.9 | 99.9 | 290.6 | 314.0 | 9.0 | 96.7 | 999.9 | 999.9 |
| 2.7 | 11.5 | 744.9 | 925.0 | 11.0 | 9.7 | 999.9 | 99.9 | 99.9 | 99.9 | 291.7 | 313.3 | 8.2 | 91.7 | 999.9 | 999.9 |
| 3.6 | 13.7 | 974.2 | 900.0 | 11.4 | 8.5 | 999.9 | 99.9 | 99.9 | 99.9 | 294.3 | 315.0 | 7.8 | 82.2 | 999.9 | 999.9 |
| 4.5 | 15.8 | 1210.0 | 875.0 | 10.7 | 7.7 | 999.9 | 99.9 | 99.9 | 99.9 | 295.9 | 316.2 | 7.6 | 81.9 | 999.9 | 999.9 |
| 5.4 | 17.9 | 1451.2 | 850.0 | 8.9 | 7.0 | 999.9 | 99.9 | 99.9 | 99.9 | 296.5 | 316.5 | 7.4 | 89.0 | 999.9 | 999.9 |
| 6.3 | 20.2 | 1698.2 | 825.0 | 7.2 | 6.2 | 999.9 | 99.9 | 99.9 | 99.9 | 297.2 | 316.8 | 7.2 | 93.1 | 999.9 | 999.9 |
| 7.2 | 22.3 | 1951.3 | 800.0 | 5.6 | 4.5 | 999.9 | 99.9 | 99.9 | 99.9 | 299.0 | 316.1 | 6.7 | 93.1 | 999.9 | 999.9 |
| 8.3 | 24.7 | 2211.0 | 775.0 | 4.5 | 2.7 | 999.9 | 99.9 | 99.9 | 99.9 | 300.4 | 316.0 | 6.0 | 88.4 | 999.9 | 999.9 |
| 9.2 | 26.8 | 2477.8 | 750.0 | 3.4 | -0.4 | 999.9 | 99.9 | 99.9 | 99.9 | 301.7 | 316.8 | 5.0 | 76.4 | 999.9 | 999.9 |
| 10.2 | 29.3 | 2752.3 | 725.0 | 1.5 | -2.5 | 999.9 | 99.9 | 99.9 | 99.9 | 301.7 | 316.8 | 4.4 | 74.8 | 999.9 | 999.9 |
| 11.2 | 31.9 | 3034.4 | 700.0 | -0.2 | -4.1 | 999.9 | 99.9 | 99.9 | 99.9 | 302.7 | 316.3 | 4.1 | 75.3 | 999.9 | 999.9 |
| 12.2 | 34.3 | 3325.4 | 675.0 | -1.0 | -11.0 | 999.9 | 99.9 | 99.9 | 99.9 | 304.9 | 317.3 | 2.5 | 46.4 | 999.9 | 999.9 |
| 13.3 | 36.7 | 3625.9 | 650.0 | -2.4 | -15.7 | 999.9 | 99.9 | 99.9 | 99.9 | 306.4 | 317.7 | 1.7 | 35.2 | 999.9 | 999.9 |
| 14.3 | 39.4 | 3936.2 | 625.0 | -4.4 | -21.0 | 999.9 | 99.9 | 99.9 | 99.9 | 307.6 | 311.2 | 1.1 | 25.9 | 999.9 | 999.9 |
| 15.5 | 41.3 | 4256.0 | 600.0 | -6.5 | -41.9 | 999.9 | 99.9 | 99.9 | 99.9 | 308.6 | 309.2 | 0.2 | 4.5 | 999.9 | 999.9 |
| 16.6 | 44.8 | 4586.9 | 575.0 | -9.1 | -43.0 | 999.9 | 99.9 | 99.9 | 99.9 | 309.3 | 309.8 | 0.1 | 4.4 | 999.9 | 999.9 |
| 17.9 | 47.7 | 4929.3 | 550.0 | -11.5 | -44.3 | 999.9 | 99.9 | 99.9 | 99.9 | 310.4 | 311.0 | 0.1 | 4.6 | 999.9 | 999.9 |
| 19.0 | 50.5 | 5284.5 | 525.0 | -13.3 | -45.1 | 999.9 | 99.9 | 99.9 | 99.9 | 312.4 | 312.8 | 0.1 | 4.8 | 999.9 | 999.9 |
| 20.3 | 53.5 | 5554.2 | 500.0 | -15.8 | -26.2 | 999.9 | 99.9 | 99.9 | 99.9 | 313.8 | 316.7 | 0.9 | 40.6 | 999.9 | 999.9 |
| 21.5 | 56.4 | 5834.0 | 475.0 | -18.2 | -36.3 | 999.9 | 99.9 | 99.9 | 99.9 | 316.4 | 317.3 | 0.5 | 28.6 | 999.9 | 999.9 |
| 22.9 | 59.7 | 6142.0 | 450.0 | -19.7 | -62.4 | 999.9 | 99.9 | 99.9 | 99.9 | 316.4 | 318.5 | 0.0 | 1.0 | 999.9 | 999.9 |
| 24.3 | 63.0 | 6465.3 | 425.0 | -21.5 | -63.6 | 999.9 | 99.9 | 99.9 | 99.9 | 321.3 | 321.4 | 0.0 | 1.0 | 999.9 | 999.9 |
| 25.9 | 66.3 | 6709.4 | 400.0 | -24.8 | -65.8 | 999.9 | 99.9 | 99.9 | 99.9 | 322.7 | 322.7 | 0.0 | 1.0 | 999.9 | 999.9 |
| 27.7 | 70.3 | 7774.9 | 375.0 | -28.9 | -68.5 | 999.9 | 99.9 | 99.9 | 99.9 | 323.2 | 323.2 | 0.0 | 1.0 | 999.9 | 999.9 |
| 29.3 | 73.5 | 8264.4 | 350.0 | -33.1 | -71.2 | 999.9 | 99.9 | 99.9 | 99.9 | 324.0 | 324.1 | 0.0 | 1.0 | 999.9 | 999.9 |
| 30.4 | 77.5 | 8780.5 | 325.0 | -37.6 | -74.2 | 999.9 | 99.9 | 99.9 | 99.9 | 324.7 | 324.8 | 0.0 | 1.0 | 999.9 | 999.9 |
| 32.0 | 81.5 | 9327.7 | 300.0 | -41.7 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 326.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34.4 | 85.9 | 9913.4 | 275.0 | -44.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 330.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 36.9 | 90.4 | 10543.1 | 250.0 | -50.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 331.4 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 39.1 | 95.3 | 11321.8 | 225.0 | -56.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 332.4 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 41.7 | 100.5 | 11923.2 | 200.0 | -60.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 337.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 43.7 | 106.3 | 12795.0 | 175.0 | -66.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 340.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 47.0 | 112.5 | 13729.2 | 150.0 | -61.7 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 363.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 50.9 | 120.3 | 14862.4 | 125.0 | -59.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 367.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 55.8 | 128.3 | 16281.2 | 100.0 | -55.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 420.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 62.1 | 136.3 | 19057.8 | 75.0 | -60.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 445.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 69.8 | 140.3 | 20346.8 | 50.0 | -57.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 507.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 81.4 | 160.0 | 25062.1 | 25.0 | -52.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 633.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 518
ALDANY, N Y

25 APRIL 1975
1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

165 24. 1

| TIME MIN | CHCT | HEIGHT GEU | PRLS MB | TEMP DG C | DFA PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANSE RM | A7 CG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.7 | 84.0 | 1002.9 | 9.0 | 6.6 | 350.0 | 4.2 | 0.7 | -4.1 | 282.7 | 299.4 | 6.1 | 85.0 | 6.0 | 0.0 |
| 7.1 | 5.4 | 110.1 | 1070.0 | 8.7 | 6.5 | 338.5 | 2.4 | 1.0 | -2.2 | 282.7 | 299.4 | 6.1 | 85.0 | 6.1 | 0.0 |
| 6.9 | 7.6 | 319.3 | 975.0 | 7.4 | 6.3 | 292.4 | 1.7 | 1.6 | -0.7 | 283.4 | 299.7 | 6.1 | 85.0 | 6.1 | 0.0 |
| 1.7 | 10.0 | 532.5 | 950.0 | 5.2 | 4.6 | 350.0 | 6.5 | 0.2 | -6.5 | 283.2 | 297.7 | 5.6 | 95.4 | 5.6 | 0.0 |
| 2.6 | 12.4 | 750.3 | 925.0 | 3.7 | 3.0 | 322.3 | 6.4 | 3.9 | -5.1 | 283.7 | 297.1 | 5.2 | 95.6 | 5.2 | 0.0 |
| 3.5 | 14.6 | 672.5 | 907.0 | 2.4 | 1.8 | 320.5 | 6.1 | 5.2 | -6.3 | 284.6 | 297.3 | 4.8 | 95.6 | 4.8 | 0.0 |
| 4.5 | 17.3 | 1203.4 | 875.0 | 2.1 | -0.8 | 323.4 | 8.6 | 5.1 | -7.0 | 284.6 | 297.9 | 4.3 | 83.2 | 4.3 | 0.0 |
| 5.3 | 19.7 | 1434.7 | 850.0 | 3.0 | -14.6 | 331.4 | 10.0 | 4.7 | -8.9 | 289.4 | 293.6 | 1.4 | 26.1 | 1.4 | 0.0 |
| 6.4 | 22.2 | 1677.7 | 825.0 | 4.9 | -20.1 | 316.0 | 6.5 | 4.5 | -4.6 | 293.9 | 290.8 | 0.5 | 14.2 | 0.5 | 0.0 |
| 7.1 | 24.3 | 1924.1 | 800.0 | 4.5 | -33.6 | 308.5 | 9.4 | 7.7 | -6.1 | 296.0 | 286.9 | 0.3 | 4.2 | 0.3 | 0.0 |
| 8.4 | 27.4 | 2186.4 | 775.0 | 4.6 | -47.1 | 308.7 | 9.6 | 7.5 | -6.0 | 298.8 | 289.0 | 0.1 | 1.0 | 0.1 | 0.0 |
| 9.4 | 30.2 | 2452.8 | 750.0 | 3.9 | -47.5 | 308.7 | 9.1 | 7.1 | -5.7 | 300.6 | 301.0 | 0.1 | 1.0 | 0.1 | 0.0 |
| 10.5 | 33.0 | 2727.2 | 725.0 | 2.7 | -48.3 | 298.7 | 9.0 | 7.9 | -4.3 | 302.4 | 302.6 | 0.1 | 1.0 | 0.1 | 0.0 |
| 11.7 | 35.9 | 3010.0 | 700.0 | 0.9 | -37.6 | 298.1 | 9.4 | 8.6 | -3.9 | 303.5 | 304.2 | 0.2 | 3.9 | 0.2 | 0.0 |
| 12.9 | 38.4 | 3300.7 | 675.0 | -1.6 | -38.6 | 289.4 | 9.2 | 8.7 | -2.7 | 303.9 | 304.5 | 0.2 | 3.9 | 0.2 | 0.0 |
| 14.1 | 41.3 | 3593.8 | 650.0 | -4.0 | -39.9 | 294.4 | 9.2 | 8.4 | -3.8 | 304.5 | 305.1 | 0.2 | 4.1 | 0.2 | 0.0 |
| 15.4 | 44.3 | 3909.1 | 625.0 | -6.2 | -32.9 | 291.8 | 10.3 | 9.6 | -3.8 | 305.3 | 305.6 | 0.4 | 9.9 | 0.4 | 0.0 |
| 16.7 | 47.4 | 4225.4 | 600.0 | -6.2 | -35.0 | 283.1 | 11.1 | 10.8 | -2.6 | 305.4 | 306.5 | 0.3 | 10.2 | 0.3 | 0.0 |
| 18.0 | 50.3 | 4551.5 | 575.0 | -10.5 | -35.8 | 280.5 | 12.2 | 12.0 | -2.2 | 307.7 | 309.8 | 0.3 | 10.3 | 0.3 | 0.0 |
| 19.5 | 53.5 | 4858.1 | 550.0 | -12.0 | -36.0 | 284.8 | 13.9 | 13.5 | -2.6 | 309.8 | 310.8 | 0.3 | 10.4 | 0.3 | 0.0 |
| 20.7 | 56.6 | 5249.9 | 525.0 | -14.7 | -34.8 | 278.6 | 15.0 | 14.8 | -2.5 | 310.8 | 311.6 | 0.2 | 10.7 | 0.2 | 0.0 |
| 22.2 | 60.0 | 5617.1 | 500.0 | -16.3 | -33.3 | 275.7 | 16.3 | 16.3 | -1.9 | 313.7 | 314.8 | 0.5 | 21.2 | 0.5 | 0.0 |
| 23.5 | 63.5 | 6000.7 | 475.0 | -19.6 | -32.4 | 275.7 | 16.4 | 16.3 | -1.6 | 313.7 | 315.5 | 0.5 | 31.1 | 0.5 | 0.0 |
| 25.2 | 66.9 | 6359.4 | 450.0 | -23.5 | -32.8 | 265.3 | 15.9 | 15.9 | 0.2 | 313.7 | 315.5 | 0.5 | 42.1 | 0.5 | 0.0 |
| 26.3 | 70.4 | 6814.9 | 425.0 | -26.9 | -36.0 | 263.1 | 18.4 | 16.6 | 2.3 | 314.5 | 315.9 | 0.4 | 41.5 | 0.4 | 0.0 |
| 28.3 | 74.2 | 7249.4 | 400.0 | -28.7 | -37.6 | 270.9 | 21.0 | 21.0 | -0.3 | 316.3 | 317.6 | 0.4 | 45.9 | 0.4 | 0.0 |
| 30.4 | 78.2 | 7707.9 | 375.0 | -32.6 | -50.1 | 272.2 | 24.5 | 24.4 | -1.0 | 318.3 | 318.7 | 0.1 | 16.0 | 0.1 | 0.0 |
| 32.8 | 82.0 | 8192.1 | 350.0 | -34.8 | -54.8 | 263.0 | 27.7 | 27.5 | 3.4 | 319.1 | 319.3 | 0.1 | 13.3 | 0.1 | 0.0 |
| 34.7 | 86.0 | 8657.7 | 325.0 | -41.0 | -59.9 | 267.0 | 20.1 | 28.1 | 1.2 | 320.2 | 319.3 | 99.9 | 99.9 | 99.9 | 99.9 |
| 36.7 | 90.3 | 9238.4 | 300.0 | -43.9 | -59.9 | 280.2 | 35.9 | 15.4 | -6.4 | 324.5 | 324.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 38.5 | 94.8 | 9820.1 | 275.0 | -47.0 | -59.9 | 291.5 | 49.4 | 45.9 | -18.1 | 328.6 | 328.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| 40.5 | 99.7 | 10447.2 | 250.0 | -51.0 | -59.9 | 293.9 | 65.1 | 58.5 | -28.4 | 330.2 | 330.2 | 99.9 | 99.9 | 99.9 | 99.9 |
| 42.7 | 104.8 | 11121.1 | 225.0 | -57.1 | -59.9 | 295.2 | 78.9 | 69.5 | -32.7 | 331.0 | 331.0 | 99.9 | 99.9 | 99.9 | 99.9 |
| 45.4 | 110.3 | 11860.7 | 200.0 | -60.9 | -59.9 | 300.5 | 68.5 | 59.1 | -34.8 | 336.3 | 336.3 | 99.9 | 99.9 | 99.9 | 99.9 |
| 48.4 | 116.0 | 12694.9 | 175.0 | -62.3 | -59.9 | 284.7 | 38.7 | 37.5 | -9.9 | 347.1 | 347.1 | 99.9 | 99.9 | 99.9 | 99.9 |
| 52.0 | 122.5 | 13654.2 | 150.0 | -58.1 | -59.9 | 277.6 | 32.2 | 31.9 | -4.2 | 370.0 | 370.0 | 99.9 | 99.9 | 99.9 | 99.9 |
| 55.6 | 130.0 | 14407.1 | 125.0 | -50.6 | -59.9 | 271.2 | 27.1 | 27.1 | -0.6 | 372.6 | 372.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| 60.4 | 138.0 | 16236.7 | 100.0 | -54.1 | -59.9 | 255.7 | 15.0 | 14.5 | 3.7 | 423.1 | 423.1 | 99.9 | 99.9 | 99.9 | 99.9 |
| 66.3 | 146.5 | 18064.8 | 75.0 | -41.0 | -59.9 | 209.4 | 9.3 | 8.1 | -4.6 | 445.1 | 445.1 | 99.9 | 99.9 | 99.9 | 99.9 |
| 74.2 | 156.7 | 20615.5 | 50.0 | -57.0 | -59.9 | 203.4 | 2.1 | 0.8 | 1.3 | 509.2 | 509.2 | 99.9 | 99.9 | 99.9 | 99.9 |
| 86.5 | 168.5 | 25065.9 | 25.0 | -51.9 | -59.9 | 99.9 | 99.9 | 99.9 | 99.7 | 635.8 | 635.8 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 520
PITTSBURG, PA25 APRIL 1975
1130 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MN RTO GN/KG | RH PCT | RANGE KM | AZ F/G |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-----------|
| 0.0 | 7.3 | 356.0 | 971.0 | 8.8 | 8.8 | 140.7 | 1.0 | -0.6 | 0.8 | 285.3 | 364.1 | 7.4 | 100.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 9.4 | 540.9 | 950.3 | 10.3 | 10.2 | 99.9 | 99.9 | 99.9 | 99.9 | 288.7 | 310.1 | 8.3 | 100.0 | 99.9 | 99.9 |
| 1.4 | 11.6 | 764.4 | 925.0 | 11.9 | 11.1 | 99.9 | 99.9 | 99.9 | 99.9 | 292.7 | 316.4 | 9.1 | 99.9 | 99.9 | 99.9 |
| 2.1 | 14.1 | 993.7 | 900.0 | 10.6 | 9.7 | 99.9 | 99.9 | 99.9 | 99.9 | 293.5 | 319.7 | 9.6 | 99.9 | 99.9 | 99.9 |
| 2.9 | 16.4 | 1228.5 | 875.0 | 9.8 | 9.0 | 258.8 | 3.6 | 3.6 | 0.7 | 298.0 | 317.1 | 9.3 | 98.2 | 0.5 | 7.0 |
| 3.7 | 19.0 | 1469.2 | 850.0 | 8.6 | 7.1 | 260.2 | 6.7 | 6.6 | 1.1 | 298.2 | 316.2 | 7.5 | 98.0 | 0.5 | 7.0 |
| 4.5 | 21.3 | 1715.9 | 825.0 | 7.1 | 4.5 | 260.4 | 8.0 | 8.0 | 0.2 | 298.6 | 314.1 | 7.5 | 98.3 | 0.5 | 7.0 |
| 5.3 | 23.0 | 1968.1 | 800.0 | 4.7 | 4.1 | 261.7 | 9.4 | 9.3 | 1.4 | 297.0 | 313.0 | 6.4 | 95.4 | 1.1 | 6.0 |
| 6.3 | 26.4 | 2226.4 | 775.0 | 2.3 | 2.3 | 267.2 | 9.4 | 9.4 | 0.5 | 297.1 | 313.0 | 5.8 | 95.4 | 1.1 | 6.0 |
| 7.0 | 29.1 | 2491.2 | 750.0 | 1.0 | 0.7 | 263.8 | 9.5 | 9.4 | 1.0 | 298.4 | 313.3 | 5.4 | 97.9 | 2.2 | 2.0 |
| 7.9 | 31.9 | 2763.8 | 725.0 | 0.3 | -2.4 | 258.9 | 8.9 | 8.7 | 1.7 | 300.3 | 312.8 | 4.4 | 82.1 | 2.6 | 2.0 |
| 8.8 | 34.8 | 3043.9 | 700.0 | -0.9 | -2.9 | 260.1 | 8.2 | 8.1 | 1.4 | 299.4 | 302.5 | 1.0 | 22.4 | 3.1 | 7.0 |
| 9.9 | 37.3 | 3331.8 | 675.0 | -2.7 | -28.4 | 263.5 | 8.2 | 8.1 | 0.9 | 302.7 | 304.4 | 0.5 | 11.5 | 3.4 | 7.0 |
| 10.9 | 40.3 | 3631.2 | 650.0 | -2.8 | -31.9 | 261.7 | 8.9 | 8.8 | 1.3 | 305.8 | 307.1 | 0.4 | 8.4 | 4.1 | 7.0 |
| 11.9 | 43.0 | 3940.7 | 625.0 | -4.6 | -33.1 | 254.5 | 10.2 | 9.8 | 2.7 | 307.2 | 308.4 | 0.4 | 8.4 | 4.1 | 7.0 |
| 12.9 | 45.1 | 4260.6 | 600.0 | -6.8 | -27.7 | 246.4 | 10.5 | 9.7 | 4.2 | 308.3 | 312.4 | 0.7 | 17.2 | 5.1 | 7.0 |
| 14.1 | 47.3 | 4591.1 | 575.0 | -9.5 | -21.3 | 248.1 | 11.9 | 11.1 | 4.5 | 309.0 | 312.8 | 1.2 | 37.2 | 6.1 | 7.0 |
| 15.1 | 52.1 | 4933.4 | 550.0 | -11.1 | -26.1 | 255.4 | 14.5 | 13.0 | 3.5 | 310.9 | 313.6 | 0.8 | 28.0 | 6.9 | 7.0 |
| 16.2 | 55.1 | 5246.8 | 525.0 | -12.5 | -33.7 | 263.0 | 17.1 | 17.0 | 5.1 | 313.4 | 314.8 | 0.4 | 15.0 | 8.0 | 7.0 |
| 17.6 | 58.3 | 5560.3 | 500.0 | -15.2 | -44.8 | 261.9 | 16.3 | 16.2 | 2.0 | 314.5 | 314.0 | 0.1 | 4.0 | 9.1 | 7.0 |
| 18.9 | 61.7 | 6040.4 | 475.0 | -17.0 | -39.3 | 251.2 | 16.0 | 15.1 | 5.2 | 316.9 | 317.8 | 0.3 | 12.6 | 12.6 | 7.0 |
| 20.3 | 65.2 | 6450.0 | 450.0 | -20.3 | -32.0 | 254.1 | 17.1 | 16.4 | 4.7 | 317.7 | 317.6 | 0.3 | 12.6 | 12.6 | 7.0 |
| 21.5 | 68.5 | 6871.0 | 425.0 | -23.2 | -28.9 | 264.9 | 20.2 | 20.2 | 1.8 | 319.3 | 322.1 | 0.8 | 54.2 | 13.3 | 7.0 |
| 23.1 | 72.1 | 7312.1 | 400.0 | -26.9 | -31.5 | 265.0 | 22.4 | 21.4 | 2.0 | 320.1 | 322.4 | 0.7 | 64.3 | 14.1 | 7.0 |
| 24.6 | 76.1 | 7775.2 | 375.0 | -29.8 | -34.2 | 250.2 | 24.6 | 23.2 | 8.3 | 322.2 | 324.1 | 0.6 | 64.9 | 17.3 | 7.0 |
| 26.1 | 80.3 | 8263.4 | 350.0 | -33.6 | -38.8 | 253.4 | 28.0 | 26.6 | 8.7 | 323.3 | 324.7 | 0.6 | 64.9 | 17.3 | 7.0 |
| 27.7 | 84.2 | 8778.7 | 325.0 | -37.7 | -43.1 | 253.5 | 33.5 | 32.1 | 9.5 | 324.6 | 325.5 | 0.3 | 56.7 | 22.7 | 7.0 |
| 29.4 | 88.4 | 9325.7 | 300.0 | -42.0 | -49.9 | 247.4 | 39.8 | 37.8 | 15.0 | 326.2 | 326.9 | 99.9 | 99.9 | 26.5 | 7.0 |
| 31.2 | 93.0 | 9907.6 | 275.0 | -47.1 | -50.9 | 247.4 | 44.1 | 40.4 | 16.6 | 327.0 | 327.0 | 99.9 | 99.9 | 30.9 | 7.0 |
| 33.2 | 97.6 | 10531.8 | 250.0 | -52.4 | -55.9 | 252.6 | 48.4 | 46.2 | 14.4 | 328.3 | 328.3 | 99.9 | 99.9 | 34.9 | 7.0 |
| 35.4 | 102.6 | 11244.4 | 225.0 | -58.2 | -62.9 | 256.8 | 53.7 | 52.3 | 12.2 | 329.3 | 329.9 | 99.9 | 99.9 | 42.3 | 7.0 |
| 37.9 | 108.2 | 11935.3 | 200.0 | -64.5 | -69.9 | 260.2 | 55.6 | 54.7 | 9.8 | 330.7 | 329.9 | 99.9 | 99.9 | 51.5 | 7.0 |
| 40.5 | 114.0 | 12747.4 | 175.0 | -65.3 | -70.9 | 268.4 | 62.0 | 59.8 | -13.5 | 332.2 | 329.9 | 99.9 | 99.9 | 58.9 | 7.0 |
| 43.5 | 120.5 | 13653.3 | 150.0 | -62.1 | -69.9 | 267.3 | 42.0 | 39.8 | 1.0 | 332.2 | 329.9 | 99.9 | 99.9 | 63.1 | 7.0 |
| 47.5 | 127.7 | 14626.0 | 125.0 | -59.5 | -69.9 | 274.1 | 18.2 | 18.1 | -1.3 | 337.2 | 329.9 | 99.9 | 99.9 | 64.5 | 7.0 |
| 52.2 | 134.7 | 16234.2 | 100.0 | -59.0 | -69.9 | 266.2 | 19.8 | 19.8 | 1.3 | 337.2 | 329.9 | 99.9 | 99.9 | 73.7 | 7.0 |
| 58.1 | 143.7 | 18023.0 | 75.0 | -62.0 | -69.9 | 254.2 | 13.0 | 12.5 | 3.5 | 443.0 | 329.9 | 99.9 | 99.9 | 77.6 | 7.0 |
| 65.7 | 153.0 | 20564.3 | 50.0 | -57.7 | -69.9 | 73.5 | 1.8 | -1.7 | -0.5 | 507.5 | 329.9 | 99.9 | 99.9 | 79.7 | 7.0 |
| 77.0 | 163.5 | 24981.3 | 25.0 | -53.3 | -69.9 | 36.0 | 4.5 | -2.7 | -3.7 | 631.7 | 329.9 | 99.9 | 99.9 | 78.0 | 7.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 428
BUFFALO, N. Y.

25 APRIL 1975
1112 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

199 12. 1

| TIME MIN | CNTCT | HEIGHT GEN | PRES MR | TEMP DG C | DEW PT DG C | WIND DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT Y DG K | E POT Y DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|------------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.5 | 218.0 | 990.2 | 6.1 | 3.9 | 30.0 | 1.5 | -0.7 | -1.3 | 290.7 | 293.9 | 5.1 | 86.0 | 0.0 | 0 |
| 0.3 | 6.9 | 218.0 | 1000.0 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 999.9 | 999.9 | 999.9 |
| 0.6 | 7.5 | 345.0 | 675.0 | 5.6 | 3.6 | 211.4 | 7.1 | 2.7 | 4.4 | 281.5 | 274.0 | 5.1 | 97.0 | 0.2 | 21.0 |
| 1.0 | 8.5 | 557.2 | 950.0 | 4.2 | 2.0 | 175.4 | 1.5 | -0.1 | 1.5 | 282.0 | 294.1 | 4.7 | 86.0 | 0.1 | 21.0 |
| 1.8 | 10.5 | 773.6 | 925.0 | 2.0 | 1.0 | 72.7 | 3.4 | -1.3 | -1.0 | 281.9 | 243.5 | 4.5 | 93.0 | 0.2 | 21.0 |
| 2.5 | 12.4 | 594.3 | 900.0 | 0.3 | -0.1 | 62.8 | 1.7 | -1.5 | -0.8 | 281.4 | 293.4 | 4.2 | 96.6 | 0.3 | 24.0 |
| 3.3 | 14.5 | 127.1 | 875.0 | 0.3 | -2.2 | 6.0 | 1.6 | -0.2 | -1.7 | 281.0 | 294.5 | 3.7 | 84.0 | 0.4 | 24.0 |
| 4.1 | 16.5 | 141.4 | 850.0 | 2.5 | -10.6 | 7.7 | 1.9 | -0.3 | -1.9 | 281.0 | 294.7 | 3.0 | 37.4 | 0.4 | 24.0 |
| 5.0 | 18.6 | 145.1 | 825.0 | 2.5 | -11.5 | 33.4 | 0.8 | 0.3 | -0.8 | 281.4 | 294.2 | 1.6 | 29.4 | 0.7 | 21.0 |
| 6.7 | 20.7 | 194.3 | 800.0 | 2.4 | -10.1 | 26.4 | 2.1 | 2.1 | 0.2 | 293.8 | 297.2 | 1.1 | 20.3 | 0.4 | 21.0 |
| 7.4 | 22.2 | 215.9 | 775.0 | 2.5 | -22.5 | 28.7 | 3.5 | 1.4 | -0.6 | 294.4 | 299.1 | 0.8 | 13.7 | 0.4 | 17.0 |
| 8.4 | 25.2 | 245.3 | 750.0 | 2.7 | -22.0 | 101.4 | 3.5 | 1.0 | -1.9 | 297.0 | 302.3 | 0.9 | 14.2 | 0.4 | 17.0 |
| 9.3 | 27.5 | 273.7 | 725.0 | 1.4 | -22.9 | 28.9 | 5.0 | 4.8 | -1.5 | 301.1 | 307.7 | 0.8 | 14.3 | 0.4 | 17.0 |
| 10.2 | 32.3 | 302.7 | 700.0 | 0.4 | -23.6 | 27.3 | 7.3 | 7.3 | -0.3 | 303.0 | 309.6 | 0.8 | 14.4 | 0.4 | 17.0 |
| 11.3 | 34.9 | 361.7 | 675.0 | -1.5 | -23.0 | 26.3 | 7.9 | 7.6 | 1.1 | 305.1 | 308.0 | 0.7 | 14.5 | 1.2 | 17.0 |
| 12.3 | 37.2 | 351.9 | 625.0 | -5.9 | -23.6 | 26.0 | 10.5 | 10.5 | 0.6 | 305.8 | 308.4 | 0.8 | 21.0 | 2.0 | 17.0 |
| 13.3 | 40.3 | 423.7 | 600.0 | -7.4 | -20.8 | 26.1 | 11.9 | 11.9 | 0.4 | 307.2 | 309.4 | 0.7 | 19.9 | 2.0 | 17.0 |
| 14.5 | 42.5 | 450.5 | 575.0 | -10.6 | -20.7 | 26.7 | 12.8 | 12.8 | 0.6 | 307.6 | 311.4 | 0.9 | 35.4 | 4.0 | 17.0 |
| 15.5 | 45.4 | 470.6 | 550.0 | -13.2 | -20.2 | 26.7 | 14.7 | 14.6 | 1.2 | 307.6 | 311.4 | 0.9 | 35.4 | 4.0 | 17.0 |
| 16.7 | 48.4 | 525.1 | 525.0 | -14.0 | -20.4 | 25.0 | 14.6 | 14.1 | 3.4 | 309.3 | 311.9 | 0.8 | 34.7 | 5.0 | 17.0 |
| 17.0 | 51.3 | 582.4 | 500.0 | -14.4 | -20.5 | 25.0 | 11.9 | 11.2 | 4.3 | 310.6 | 313.5 | 0.9 | 49.0 | 6.0 | 17.0 |
| 19.1 | 54.3 | 600.9 | 475.0 | -20.7 | -20.3 | 25.2 | 15.0 | 14.3 | 4.5 | 312.4 | 314.8 | 0.7 | 46.9 | 7.0 | 17.0 |
| 20.5 | 57.3 | 657.2 | 450.0 | -24.1 | -20.3 | 25.2 | 16.4 | 16.2 | 3.2 | 312.9 | 315.2 | 0.7 | 54.3 | 8.0 | 17.0 |
| 21.9 | 60.7 | 681.5 | 425.0 | -27.1 | -20.1 | 24.5 | 18.6 | 14.5 | 1.4 | 314.3 | 316.3 | 0.6 | 61.4 | 10.0 | 17.0 |
| 23.4 | 64.2 | 725.1 | 400.0 | -30.2 | -20.1 | 24.7 | 20.8 | 20.7 | 1.9 | 315.7 | 316.8 | 0.3 | 37.2 | 11.0 | 17.0 |
| 25.0 | 67.7 | 771.0 | 375.0 | -32.6 | -20.1 | 25.0 | 25.0 | 25.0 | -0.1 | 315.4 | 318.7 | 0.1 | 15.4 | 14.1 | 17.0 |
| 26.0 | 71.3 | 819.5 | 350.0 | -34.9 | -20.6 | 27.7 | 31.1 | 30.8 | -4.2 | 316.9 | 319.3 | 0.1 | 22.4 | 14.7 | 17.0 |
| 27.3 | 74.3 | 872.6 | 325.0 | -37.3 | -20.6 | 27.7 | 33.1 | 42.7 | -5.4 | 322.4 | 322.7 | 0.1 | 19.9 | 15.0 | 17.0 |
| 28.6 | 74.5 | 924.1 | 300.0 | -42.5 | 99.9 | 27.0 | 55.2 | 55.1 | -4.5 | 325.5 | 999.9 | 99.9 | 999.9 | 24.1 | 17.0 |
| 31.6 | 63.8 | 992.4 | 275.0 | -47.2 | 99.9 | 27.0 | 54.5 | 54.5 | -0.5 | 325.8 | 999.9 | 99.9 | 999.9 | 31.4 | 17.0 |
| 33.7 | 64.4 | 1045.1 | 250.0 | -51.5 | 99.9 | 26.5 | 64.0 | 61.9 | 4.8 | 325.5 | 999.9 | 99.9 | 999.9 | 37.3 | 17.0 |
| 35.9 | 52.5 | 1113.7 | 225.0 | -54.9 | 99.9 | 26.5 | 47.9 | 67.6 | 6.5 | 332.8 | 999.9 | 99.9 | 999.9 | 44.0 | 17.0 |
| 38.3 | 96.0 | 1187.0 | 200.0 | -60.4 | 99.9 | 27.5 | 65.2 | 64.7 | -8.5 | 336.8 | 999.9 | 99.9 | 999.9 | 57.7 | 17.0 |
| 40.7 | 105.0 | 1269.0 | 175.0 | -62.4 | 99.9 | 28.0 | 44.9 | 44.9 | -10.0 | 340.6 | 999.9 | 99.9 | 999.9 | 65.6 | 17.0 |
| 43.7 | 111.7 | 1365.3 | 150.0 | -58.3 | 99.9 | 26.5 | 20.0 | 20.5 | 2.1 | 305.6 | 999.9 | 99.9 | 999.9 | 70.4 | 17.0 |
| 47.3 | 119.2 | 1480.1 | 125.0 | -54.3 | 99.9 | 27.0 | 24.3 | 24.3 | 0.0 | 393.0 | 999.9 | 99.9 | 999.9 | 74.7 | 17.0 |
| 51.8 | 127.7 | 1622.5 | 100.0 | -54.3 | 99.9 | 24.1 | 12.8 | 11.7 | 5.2 | 423.8 | 999.9 | 99.9 | 999.9 | 81.4 | 17.0 |
| 57.5 | 137.5 | 1908.0 | 75.0 | -54.2 | 99.9 | 24.7 | 6.2 | 5.7 | 2.6 | 450.0 | 999.9 | 99.9 | 999.9 | 84.1 | 17.0 |
| 64.4 | 148.0 | 2062.0 | 50.0 | -56.7 | 99.9 | 24.2 | 5.1 | -4.5 | -2.4 | 510.0 | 999.9 | 99.9 | 999.9 | 87.4 | 17.0 |
| 75.0 | 160.0 | 2507.7 | 25.0 | -50.6 | 99.9 | 65.0 | 8.7 | -7.9 | -3.7 | 639.1 | 999.9 | 99.9 | 999.9 | 86.1 | 17.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 532
PEORIA, ILL

25 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 5.8 | 250.0 | 990.2 | 7.2 | 3.8 | 15.0 | 2.6 | -0.7 | -2.3 | 281.8 | 294.9 | 5.1 | 79.0 | 0.0 | 3.0 |
| 0.9 | 55.3 | 59.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 7.2 | 327.3 | 975.0 | 5.7 | 4.2 | 24.7 | 4.6 | -1.9 | -4.7 | 281.6 | 295.2 | 5.3 | 89.7 | 0.6 | 23.0 |
| 1.1 | 6.5 | 539.8 | 950.0 | 5.3 | 4.9 | 50.2 | 4.8 | -3.7 | -3.1 | 283.3 | 298.1 | 5.8 | 97.5 | 0.3 | 21.0 |
| 1.8 | 11.7 | 755.6 | 925.0 | 8.5 | 8.5 | 79.4 | 3.1 | -3.1 | -0.6 | 289.0 | 304.6 | 7.6 | 101.1 | 0.5 | 23.0 |
| 2.6 | 14.1 | 946.7 | 900.0 | 8.5 | 8.5 | 242.5 | 1.4 | 1.2 | 0.6 | 291.1 | 311.7 | 7.8 | 101.0 | 0.5 | 23.0 |
| 3.4 | 16.3 | 1220.0 | 875.0 | 8.1 | 7.7 | 261.5 | 5.6 | 5.5 | 0.8 | 293.2 | 313.3 | 7.6 | 98.2 | 0.4 | 23.0 |
| 4.4 | 18.9 | 1459.5 | 850.0 | 8.0 | 7.6 | 293.8 | 13.3 | 12.1 | -5.4 | 295.2 | 315.1 | 5.5 | 69.1 | 0.4 | 15.0 |
| 5.2 | 21.2 | 1706.0 | 825.0 | 7.1 | 3.7 | 305.2 | 13.5 | 11.0 | -7.8 | 296.9 | 314.5 | 6.1 | 79.0 | 1.1 | 12.0 |
| 6.0 | 23.5 | 1958.9 | 800.0 | 5.8 | 4.0 | 305.2 | 9.4 | 7.7 | -5.4 | 298.1 | 315.7 | 6.4 | 88.6 | 1.0 | 11.0 |
| 6.9 | 26.2 | 2218.5 | 775.0 | 4.0 | 2.6 | 286.4 | 8.5 | 8.2 | -2.4 | 298.9 | 315.4 | 6.0 | 90.1 | 2.1 | 12.0 |
| 7.7 | 29.0 | 2484.5 | 750.0 | 2.2 | -0.1 | 276.7 | 6.7 | 6.7 | -0.8 | 299.6 | 313.8 | 5.1 | 85.1 | 2.4 | 12.0 |
| 9.7 | 31.3 | 2757.5 | 725.0 | -0.4 | -1.4 | 271.2 | 5.6 | 5.6 | -0.1 | 299.6 | 313.0 | 4.8 | 92.7 | 2.7 | 11.0 |
| 9.6 | 34.6 | 3037.6 | 700.0 | -2.1 | -8.1 | 276.2 | 4.9 | 4.9 | -0.5 | 302.5 | 309.1 | 3.0 | 63.5 | 3.0 | 11.0 |
| 10.5 | 37.3 | 3326.1 | 675.0 | -3.4 | -9.9 | 277.3 | 5.4 | 5.3 | -0.7 | 302.2 | 310.6 | 2.7 | 60.6 | 3.2 | 11.0 |
| 11.6 | 40.3 | 3623.7 | 650.0 | -5.5 | -10.9 | 278.7 | 4.6 | 4.5 | -0.7 | 303.1 | 310.6 | 2.6 | 65.6 | 3.6 | 11.0 |
| 12.5 | 43.1 | 3930.4 | 625.0 | -7.9 | -10.9 | 288.9 | 4.1 | 3.9 | -1.3 | 303.9 | 311.8 | 2.7 | 78.6 | 3.4 | 11.0 |
| 13.5 | 46.3 | 4247.0 | 600.0 | -9.8 | -24.0 | 285.2 | 7.6 | 7.3 | -2.0 | 304.8 | 308.5 | 1.2 | 38.8 | 4.1 | 11.0 |
| 14.7 | 49.4 | 4574.5 | 575.0 | -11.1 | -56.9 | 286.5 | 15.1 | 14.6 | -2.3 | 306.9 | 307.1 | 0.0 | 1.0 | 4.3 | 11.0 |
| 15.9 | 52.5 | 4914.0 | 550.0 | -13.6 | -58.5 | 287.0 | 18.4 | 17.6 | -5.4 | 307.9 | 308.0 | 0.0 | 1.0 | 6.1 | 11.0 |
| 17.0 | 55.8 | 5255.7 | 525.0 | -16.5 | -60.4 | 283.6 | 20.2 | 19.6 | -4.7 | 308.5 | 308.6 | 0.0 | 1.0 | 7.4 | 11.0 |
| 18.2 | 59.0 | 5630.2 | 500.0 | -19.6 | -62.4 | 279.2 | 21.7 | 21.4 | -3.5 | 309.1 | 309.2 | 0.0 | 1.0 | 8.9 | 16.0 |
| 19.6 | 62.6 | 6004.7 | 475.0 | -23.1 | -64.7 | 274.9 | 21.9 | 21.9 | -1.9 | 309.3 | 309.4 | 0.0 | 1.0 | 10.7 | 17.0 |
| 20.9 | 66.0 | 6402.2 | 450.0 | -26.2 | -66.7 | 276.2 | 22.6 | 22.5 | -2.4 | 310.3 | 310.3 | 0.0 | 1.0 | 12.4 | 17.0 |
| 22.3 | 69.9 | 6813.5 | 425.0 | -28.7 | -68.3 | 277.0 | 26.3 | 26.2 | -3.2 | 312.2 | 312.2 | 0.0 | 1.0 | 14.4 | 16.0 |
| 23.7 | 73.7 | 7244.9 | 400.0 | -31.7 | -70.3 | 272.9 | 28.4 | 28.4 | -1.4 | 313.8 | 313.8 | 0.0 | 1.0 | 16.7 | 16.0 |
| 25.2 | 77.8 | 7694.3 | 375.0 | -34.9 | -72.4 | 273.5 | 27.8 | 27.7 | -1.7 | 315.3 | 315.3 | 0.0 | 1.0 | 18.3 | 16.0 |
| 26.8 | 81.8 | 8175.6 | 350.0 | -38.7 | -75.0 | 270.2 | 46.7 | 26.7 | -0.1 | 316.4 | 316.4 | 0.0 | 1.0 | 21.9 | 17.0 |
| 28.7 | 86.2 | 8680.2 | 325.0 | -42.8 | -79.9 | 271.2 | 32.7 | 12.7 | -0.7 | 317.7 | 317.7 | 99.9 | 99.9 | 25.1 | 17.0 |
| 30.5 | 91.0 | 9217.9 | 300.0 | -44.8 | -89.9 | 266.7 | 30.4 | 30.4 | 1.8 | 322.4 | 322.4 | 99.9 | 99.9 | 28.5 | 17.0 |
| 32.4 | 95.8 | 9795.2 | 275.0 | -47.9 | -99.9 | 258.2 | 33.5 | 32.8 | 6.9 | 325.9 | 325.9 | 99.9 | 99.9 | 32.0 | 17.0 |
| 34.6 | 100.8 | 10420.6 | 250.0 | -49.9 | -99.9 | 250.7 | 37.8 | 35.7 | 12.5 | 331.9 | 331.9 | 99.9 | 99.9 | 36.2 | 17.0 |
| 36.7 | 104.5 | 11104.6 | 225.0 | -53.4 | -99.9 | 244.1 | 42.9 | 39.3 | 17.4 | 336.7 | 336.7 | 99.9 | 99.9 | 41.2 | 17.0 |
| 39.4 | 112.3 | 11857.9 | 200.0 | -55.4 | -99.9 | 237.2 | 40.2 | 39.2 | 8.9 | 343.1 | 343.1 | 99.9 | 99.9 | 47.7 | 17.0 |
| 42.4 | 118.5 | 12712.4 | 175.0 | -58.3 | -99.9 | 260.5 | 34.7 | 34.2 | 5.7 | 360.2 | 360.2 | 99.9 | 99.9 | 54.6 | 17.0 |
| 45.8 | 125.3 | 13689.3 | 150.0 | -57.7 | -99.9 | 280.1 | 33.2 | 32.7 | -5.8 | 370.6 | 370.6 | 99.9 | 99.9 | 61.9 | 17.0 |
| 49.8 | 133.0 | 14943.1 | 125.0 | -58.6 | -99.9 | 269.2 | 22.8 | 22.8 | 0.3 | 388.8 | 388.8 | 99.9 | 99.9 | 68.2 | 17.0 |
| 55.0 | 140.3 | 16250.6 | 100.0 | -56.5 | -99.9 | 254.2 | 30.4 | 29.3 | 8.3 | 419.6 | 419.6 | 99.9 | 99.9 | 76.0 | 17.0 |
| 61.0 | 147.7 | 18053.9 | 75.0 | -60.5 | -99.9 | 269.4 | 22.6 | 22.6 | 0.2 | 446.2 | 446.2 | 99.9 | 99.9 | 84.7 | 17.0 |
| 69.1 | 155.7 | 20614.2 | 50.0 | -56.4 | -99.9 | 270.1 | 1.9 | 1.9 | -0.0 | 509.4 | 509.4 | 99.9 | 99.9 | 94.5 | 17.0 |
| 60.6 | 143.3 | 25066.8 | 25.0 | -51.5 | -99.9 | 36.0 | 7.1 | -4.2 | -5.7 | 636.9 | 636.9 | 99.9 | 99.9 | 88.4 | 17.0 |

ORIGINAL PAGE IS
OF POOR QUALITY

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553

CMAHA, NEB

25 APRIL 1975
1115 GMT

| TIME MIN | CATCT | HEIGHT GPN | PRES MB | TEMP DG C | DEW PT DG C | DIR CG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCY | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.3 | 400.0 | 944.6 | 10.6 | 10.7 | 170.0 | 2.1 | -0.4 | 2.1 | 287.7 | 304.4 | 8.0 | 96.0 | 0.7 | 0 |
| 0.5 | 99.3 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0 |
| 1.0 | 99.3 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0 |
| 1.5 | 8.5 | 528.7 | 950.0 | 14.3 | 13.3 | 232.4 | 7.7 | 6.1 | 4.7 | 293.1 | 319.7 | 10.2 | 93.6 | 0.2 | 27 |
| 2.0 | 10.5 | 754.6 | 925.0 | 14.0 | 11.9 | 245.9 | 6.7 | 4.2 | 2.8 | 294.9 | 320.1 | 9.6 | 87.3 | 0.5 | 47 |
| 2.5 | 12.4 | 996.1 | 900.0 | 13.0 | 9.4 | 253.8 | 4.5 | 4.4 | 1.3 | 298.0 | 318.2 | 8.3 | 78.8 | 0.7 | 56 |
| 3.0 | 14.3 | 1222.7 | 875.0 | 11.8 | 7.2 | 264.2 | 4.1 | 4.1 | 0.4 | 297.0 | 316.9 | 7.3 | 73.3 | 0.9 | 60 |
| 3.5 | 16.5 | 1465.2 | 850.0 | 11.0 | -0.4 | 264.8 | 5.8 | 5.2 | -2.6 | 298.2 | 310.5 | 4.4 | 45.4 | 1.1 | 68 |
| 4.0 | 18.7 | 1713.6 | 825.0 | 9.4 | -2.3 | 303.9 | 7.6 | 6.3 | -4.3 | 299.0 | 310.1 | 3.9 | 43.7 | 1.4 | 92 |
| 4.5 | 20.3 | 1967.7 | 800.0 | 7.1 | -4.3 | 302.1 | 8.4 | 7.1 | -4.5 | 299.1 | 309.0 | 3.5 | 44.0 | 1.7 | 11 |
| 5.0 | 22.0 | 2227.7 | 775.0 | 4.8 | -7.4 | 308.3 | 9.9 | 7.9 | -6.1 | 299.3 | 307.5 | 2.8 | 40.8 | 2.2 | 40 |
| 5.5 | 23.1 | 2494.4 | 750.0 | 3.3 | -19.8 | 316.6 | 13.2 | 9.1 | -9.6 | 300.3 | 303.9 | 1.2 | 18.6 | 2.4 | 107 |
| 6.0 | 24.4 | 2769.9 | 725.0 | 3.4 | -30.3 | 314.5 | 15.8 | 11.3 | -11.1 | 303.2 | 304.6 | 0.4 | 6.4 | 3.7 | 115 |
| 6.5 | 26.3 | 3053.0 | 700.0 | 2.9 | -31.0 | 316.9 | 17.2 | 11.7 | -12.5 | 305.8 | 307.1 | 0.4 | 6.1 | 4.8 | 113 |
| 7.0 | 28.1 | 3346.5 | 675.0 | 0.9 | -32.5 | 320.6 | 18.8 | 11.9 | -14.5 | 307.7 | 307.9 | 0.4 | 5.0 | 5.9 | 123 |
| 7.5 | 29.1 | 3648.3 | 650.0 | -1.2 | -31.7 | 318.2 | 18.8 | 12.5 | -14.5 | 307.6 | 309.0 | 0.4 | 7.6 | 7.1 | 127 |
| 8.0 | 30.5 | 3956.9 | 625.0 | -3.1 | -34.4 | 316.6 | 17.0 | 11.7 | -12.3 | 308.9 | 310.0 | 0.3 | 6.1 | 8.1 | 128 |
| 8.5 | 32.1 | 4291.7 | 600.0 | -5.0 | -36.5 | 310.1 | 16.4 | 12.5 | -10.6 | 310.4 | 311.3 | 0.3 | 6.3 | 9.1 | 128 |
| 9.0 | 34.2 | 4614.6 | 575.0 | -7.5 | -37.9 | 299.5 | 18.2 | 15.8 | -8.9 | 311.3 | 312.1 | 0.2 | 6.6 | 10.5 | 128 |
| 9.5 | 36.7 | 4954.0 | 550.0 | -9.9 | -39.4 | 294.3 | 20.1 | 18.4 | -8.3 | 312.3 | 313.1 | 0.2 | 6.8 | 11.4 | 127 |
| 10.0 | 38.6 | 5315.6 | 525.0 | -13.1 | -39.3 | 294.2 | 21.8 | 19.9 | -9.0 | 312.7 | 313.5 | 0.2 | 8.8 | 13.4 | 125 |
| 10.5 | 40.2 | 5645.1 | 500.0 | -16.3 | -41.5 | 293.8 | 21.6 | 19.8 | -8.7 | 313.1 | 313.8 | 0.2 | 9.2 | 15.2 | 124 |
| 11.0 | 42.9 | 5968.3 | 475.0 | -20.0 | -41.3 | 295.6 | 22.1 | 20.0 | -9.1 | 313.2 | 313.9 | 0.2 | 12.3 | 16.5 | 123 |
| 11.5 | 45.7 | 6266.4 | 450.0 | -23.3 | -40.1 | 292.6 | 23.8 | 22.2 | -10.4 | 315.1 | 315.5 | 0.1 | 10.2 | 18.8 | 122 |
| 12.0 | 48.6 | 6566.4 | 425.0 | -26.4 | -48.5 | 292.6 | 27.0 | 25.0 | -12.9 | 315.6 | 315.9 | 0.1 | 10.3 | 21.0 | 121 |
| 12.5 | 51.5 | 6881.8 | 400.0 | -30.3 | -50.0 | 297.7 | 27.5 | 24.4 | -12.9 | 315.9 | 317.2 | 0.1 | 12.9 | 23.5 | 120 |
| 13.0 | 54.6 | 7167.7 | 375.0 | -33.7 | -51.5 | 300.8 | 26.7 | 23.0 | -13.7 | 316.9 | 317.2 | 0.1 | 14.6 | 26.0 | 120 |
| 13.5 | 57.7 | 7472.5 | 350.0 | -37.6 | -54.5 | 301.4 | 29.4 | 25.1 | -15.3 | 318.0 | 318.2 | 0.1 | 15.0 | 28.4 | 120 |
| 14.0 | 60.3 | 7772.5 | 325.0 | -41.1 | -59.9 | 301.4 | 32.0 | 27.3 | -16.7 | 320.1 | 319.9 | 99.9 | 99.9 | 32.0 | 120 |
| 14.5 | 63.3 | 8082.6 | 300.0 | -45.4 | -64.6 | 301.4 | 35.0 | 31.5 | -18.6 | 321.4 | 319.9 | 99.9 | 99.9 | 35.9 | 120 |
| 15.0 | 66.3 | 8399.9 | 275.0 | -49.6 | -69.9 | 292.3 | 42.9 | 39.7 | -21.9 | 327.8 | 319.9 | 99.9 | 99.9 | 40.5 | 119 |
| 15.5 | 69.3 | 8724.8 | 250.0 | -54.7 | -74.7 | 294.1 | 53.7 | 49.3 | -21.9 | 327.8 | 319.9 | 99.9 | 99.9 | 46.5 | 119 |
| 16.0 | 72.3 | 9049.3 | 225.0 | -59.8 | -79.9 | 296.5 | 61.1 | 54.7 | -27.3 | 331.4 | 319.9 | 99.9 | 99.9 | 54.8 | 118 |
| 16.5 | 75.3 | 9374.8 | 200.0 | -64.9 | -84.9 | 298.3 | 68.5 | 62.0 | -31.5 | 336.9 | 319.9 | 99.9 | 99.9 | 63.1 | 114 |
| 17.0 | 78.3 | 9700.0 | 175.0 | -69.9 | -89.9 | 295.3 | 76.9 | 69.9 | -36.9 | 344.8 | 319.9 | 99.9 | 99.9 | 72.0 | 117 |
| 17.5 | 81.3 | 10025.3 | 150.0 | -74.9 | -94.9 | 281.3 | 84.9 | 77.9 | -42.9 | 370.9 | 319.9 | 99.9 | 99.9 | 81.0 | 115 |
| 18.0 | 84.3 | 10350.3 | 125.0 | -79.9 | -99.9 | 262.7 | 92.9 | 84.9 | -48.9 | 380.1 | 319.9 | 99.9 | 99.9 | 90.0 | 112 |
| 18.5 | 87.3 | 10675.3 | 100.0 | -84.9 | -104.9 | 273.3 | 100.9 | 92.9 | -54.9 | 414.4 | 319.9 | 99.9 | 99.9 | 99.9 | 112 |
| 19.0 | 90.3 | 11000.3 | 75.0 | -89.9 | -109.9 | 169.2 | 110.9 | 100.9 | -61.9 | 448.3 | 319.9 | 99.9 | 99.9 | 99.9 | 112 |
| 19.5 | 93.3 | 11325.3 | 50.0 | -94.9 | -114.9 | 188.8 | 120.9 | 110.9 | -68.9 | 518.2 | 319.9 | 99.9 | 99.9 | 99.9 | 112 |
| 20.0 | 96.3 | 11650.3 | 25.0 | -99.9 | -119.9 | 188.8 | 130.9 | 120.9 | -75.9 | 635.6 | 319.9 | 99.9 | 99.9 | 99.9 | 112 |
| 20.5 | 99.3 | 11975.3 | 25.0 | -104.9 | -124.9 | 188.8 | 140.9 | 130.9 | -82.9 | 635.6 | 319.9 | 99.9 | 99.9 | 99.9 | 112 |

ORIGINAL PAGE IS
OF POOR QUALITY

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
NORTH PLATTE, NEB

25 APRIL 1975
1135 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

| TIME MIN | CNTCT | WEIGHT GFM | PRES MB | TEMP DG C | CEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 13.4 | 647.0 | 913.6 | 3.3 | 1.3 | 110.0 | 3.2 | -3.0 | 1.1 | 284.3 | 286.4 | 4.6 | 87.0 | 0.0 | C |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 14.6 | 970.8 | 900.0 | 9.1 | 4.7 | 246.7 | 2.9 | 2.7 | 1.2 | 291.7 | 307.7 | 6.0 | 73.9 | 0.6 | 27.0 |
| 1.1 | 16.2 | 1206.0 | 875.0 | 11.7 | 7.1 | 182.3 | 6.3 | 0.3 | 6.3 | 290.9 | 316.5 | 7.2 | 73.2 | 0.6 | 31.0 |
| 2.1 | 15.2 | 1449.0 | 850.0 | 12.0 | 6.1 | 186.5 | 10.9 | 1.6 | 10.8 | 290.6 | 318.7 | 7.0 | 67.2 | 1.0 | 34.0 |
| 2.0 | 21.5 | 1699.9 | 825.0 | 11.1 | 0.8 | 186.9 | 11.9 | 1.4 | 11.8 | 301.0 | 315.0 | 5.0 | 49.5 | 1.6 | 34.0 |
| 3.9 | 23.9 | 1955.2 | 800.0 | 10.0 | -6.2 | 178.2 | 10.1 | -0.3 | 10.1 | 302.3 | 311.0 | 3.0 | 31.3 | 2.2 | 35.1 |
| 4.7 | 26.1 | 2218.1 | 775.0 | 4.3 | -8.1 | 181.2 | 9.3 | 0.2 | 9.3 | 303.0 | 310.9 | 2.7 | 30.4 | 2.7 | 35.1 |
| 5.6 | 28.3 | 2489.0 | 750.0 | 5.0 | -10.9 | 194.4 | 7.7 | 1.9 | 7.4 | 305.6 | 313.3 | 2.2 | 23.3 | 3.1 | 35.1 |
| 6.6 | 31.4 | 2768.8 | 725.0 | 7.2 | -10.5 | 210.3 | 9.6 | 4.9 | 8.3 | 307.7 | 314.6 | 2.6 | 27.0 | 3.0 | 35.1 |
| 7.6 | 34.1 | 3056.0 | 700.0 | 4.6 | -8.7 | 216.7 | 10.8 | 6.8 | 8.4 | 308.0 | 316.5 | 2.8 | 27.3 | 4.0 | 35.1 |
| 8.5 | 36.5 | 3351.3 | 675.0 | 2.0 | -7.3 | 222.5 | 11.9 | 8.1 | 8.8 | 308.3 | 319.1 | 3.3 | 50.2 | 4.6 | 35.1 |
| 9.5 | 39.3 | 3654.5 | 650.0 | 0.2 | -11.0 | 227.4 | 10.6 | 7.8 | 7.2 | 309.5 | 317.2 | 2.9 | 42.7 | 5.2 | 35.1 |
| 10.6 | 41.9 | 3967.5 | 625.0 | -2.3 | -12.3 | 229.0 | 10.2 | 7.1 | 7.4 | 310.1 | 317.3 | 2.4 | 46.1 | 5.7 | 35.1 |
| 11.7 | 44.7 | 4290.4 | 600.0 | -5.0 | -15.7 | 219.6 | 9.8 | 6.3 | 7.6 | 310.5 | 316.3 | 1.9 | 42.6 | 6.3 | 35.1 |
| 12.8 | 47.7 | 4623.1 | 575.0 | -8.0 | -15.9 | 216.1 | 9.7 | 6.0 | 7.6 | 310.8 | 316.7 | 1.9 | 42.6 | 6.3 | 35.1 |
| 14.1 | 50.6 | 4962.4 | 550.0 | -11.4 | -19.0 | 216.7 | 9.2 | 5.9 | 7.1 | 310.7 | 315.5 | 1.6 | 53.2 | 7.6 | 35.1 |
| 15.2 | 53.6 | 5321.6 | 525.0 | -13.4 | -21.1 | 225.4 | 10.0 | 7.1 | 7.0 | 312.4 | 313.5 | 0.3 | 12.6 | 8.2 | 35.1 |
| 16.5 | 56.5 | 5691.6 | 500.0 | -15.0 | -24.5 | 240.0 | 13.5 | 11.7 | 6.7 | 315.4 | 315.1 | 0.1 | 5.3 | 9.0 | 35.1 |
| 17.8 | 59.9 | 6077.3 | 475.0 | -16.2 | -27.3 | 247.4 | 17.2 | 13.9 | 6.5 | 319.4 | 318.6 | 0.1 | 5.3 | 10.0 | 35.1 |
| 19.0 | 63.2 | 6478.0 | 450.0 | -21.1 | -31.0 | 250.1 | 18.9 | 17.8 | 6.4 | 317.7 | 318.0 | 0.1 | 6.4 | 11.0 | 35.1 |
| 20.3 | 66.4 | 6899.1 | 425.0 | -24.4 | -35.3 | 253.7 | 18.8 | 19.2 | 4.6 | 317.7 | 318.0 | 0.1 | 6.4 | 12.2 | 35.1 |
| 21.7 | 70.1 | 7336.4 | 400.0 | -28.2 | -39.3 | 253.7 | 20.2 | 19.4 | 5.7 | 318.3 | 318.6 | 0.1 | 6.4 | 13.6 | 35.1 |
| 23.1 | 73.6 | 7796.0 | 375.0 | -32.0 | -43.6 | 258.5 | 22.3 | 21.3 | 6.7 | 319.2 | 319.4 | 0.1 | 8.8 | 15.2 | 35.1 |
| 24.7 | 77.4 | 8279.8 | 350.0 | -35.9 | -47.9 | 258.5 | 24.4 | 21.4 | 6.7 | 320.3 | 320.9 | 0.2 | 36.1 | 17.1 | 35.1 |
| 26.4 | 81.3 | 8790.2 | 325.0 | -40.1 | -51.9 | 257.7 | 27.1 | 24.0 | 5.6 | 321.3 | 320.9 | 99.9 | 99.9 | 19.0 | 35.1 |
| 28.4 | 85.4 | 9331.1 | 300.0 | -44.4 | -55.9 | 257.7 | 28.1 | 27.5 | 6.0 | 322.8 | 320.9 | 99.9 | 99.9 | 22.3 | 35.1 |
| 30.4 | 89.8 | 9909.0 | 275.0 | -49.4 | -59.9 | 258.9 | 31.3 | 30.7 | 6.0 | 323.7 | 320.9 | 99.9 | 99.9 | 25.7 | 35.1 |
| 32.4 | 94.5 | 10527.9 | 250.0 | -53.6 | -63.9 | 263.6 | 34.9 | 33.7 | 3.9 | 326.4 | 320.9 | 99.9 | 99.9 | 29.4 | 35.1 |
| 34.8 | 99.3 | 11197.2 | 225.0 | -58.0 | -67.9 | 263.1 | 38.0 | 37.9 | 3.2 | 328.6 | 320.9 | 99.9 | 99.9 | 34.5 | 35.1 |
| 37.3 | 104.5 | 11932.1 | 200.0 | -62.2 | -71.9 | 269.4 | 38.3 | 38.3 | 0.1 | 334.3 | 320.9 | 99.9 | 99.9 | 40.0 | 35.1 |
| 39.8 | 110.2 | 12751.2 | 175.0 | -65.2 | -75.9 | 268.4 | 26.2 | 26.1 | 1.7 | 342.4 | 320.9 | 99.9 | 99.9 | 46.0 | 35.1 |
| 42.8 | 116.3 | 13704.0 | 150.0 | -68.4 | -79.9 | 272.1 | 22.1 | 22.1 | -0.8 | 372.9 | 320.9 | 99.9 | 99.9 | 48.0 | 35.1 |
| 46.2 | 123.3 | 14949.8 | 125.0 | -70.3 | -83.9 | 266.2 | 16.1 | 16.0 | 1.2 | 385.8 | 320.9 | 99.9 | 99.9 | 52.1 | 35.1 |
| 50.6 | 130.7 | 16244.1 | 100.0 | -72.9 | -87.9 | 253.3 | 20.6 | 19.7 | 5.7 | 416.0 | 320.9 | 99.9 | 99.9 | 57.1 | 35.1 |
| 56.2 | 138.3 | 18060.2 | 75.0 | -75.6 | -91.9 | 280.5 | 9.8 | 9.6 | -1.8 | 448.1 | 320.9 | 99.9 | 99.9 | 62.8 | 35.1 |
| 63.9 | 146.3 | 20639.5 | 50.0 | -78.3 | -95.9 | 278.4 | 7.1 | 7.1 | -0.7 | 510.1 | 320.9 | 99.9 | 99.9 | 66.4 | 35.1 |
| 74.7 | 154.3 | 25126.2 | 25.0 | -81.3 | -99.9 | 306.4 | 4.5 | -2.9 | -3.5 | 637.7 | 320.9 | 99.9 | 99.9 | 68.1 | 35.1 |

ORIGINAL PAGE IS
POOR QUALITY

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
• BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
• BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 600
PORTLAND, ME25 APRIL 1975
1116 GMT

167 49. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP CG C | DEW PT CG C | DIR DG | SPEED M/SEC | U CNDR M/SEC | V CCNF M/SEC | POT T UG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE A7 KM | DC |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|----------------|------|
| 0.7 | 5.6 | 20.0 | 1008.2 | 6.1 | 5.7 | 360.0 | 0.5 | 0.0 | -0.5 | 279.3 | 293.8 | 5.7 | 97.0 | 0.2 | 0. |
| 0.2 | 6.2 | 66.9 | 1000.0 | 5.2 | 3.8 | 260.2 | 7.5 | -3.3 | -6.9 | 279.3 | 293.8 | 5.1 | 91.1 | 0.7 | 1.7. |
| 0.4 | 6.5 | 294.0 | 975.0 | 5.5 | 4.7 | 20.0 | 6.9 | -2.4 | -6.5 | 281.4 | 295.5 | 5.5 | 98.1 | 0.2 | 1.9. |
| 1.5 | 10.6 | 567.3 | 950.0 | 6.3 | 5.2 | 0.0 | 8.2 | -0.0 | -8.2 | 284.4 | 299.5 | 5.9 | 92.4 | 0.5 | 1.3. |
| 2.3 | 12.9 | 726.0 | 925.0 | 5.8 | 4.3 | 347.1 | 7.4 | 1.6 | -7.2 | 285.9 | 300.7 | 5.7 | 90.4 | 2.9 | 1.4. |
| 3.1 | 15.2 | 951.2 | 900.0 | 6.3 | 5.5 | 305.0 | 3.2 | 2.7 | -1.7 | 284.9 | 305.5 | 6.3 | 94.5 | 1.1 | 1.7. |
| 3.8 | 17.3 | 1182.3 | 875.0 | 5.8 | 5.0 | 284.5 | 4.3 | 4.2 | -1.1 | 290.6 | 307.2 | 6.3 | 94.8 | 1.1 | 1.7. |
| 4.5 | 19.4 | 1419.6 | 850.0 | 5.6 | 2.2 | 292.4 | 7.4 | 7.3 | -1.6 | 292.7 | 307.0 | 5.3 | 79.1 | 1.3 | 1.4. |
| 5.3 | 22.0 | 1667.9 | 825.0 | 5.8 | -11.0 | 249.4 | 7.2 | 6.8 | -2.4 | 294.9 | 300.7 | 2.0 | 28.6 | 1.5 | 1.4. |
| 6.0 | 24.5 | 1915.2 | 800.0 | 4.9 | -25.4 | 287.7 | 10.1 | 9.6 | -3.1 | 296.4 | 294.3 | 0.6 | 8.8 | 1.8 | 1.4. |
| 6.9 | 26.3 | 2173.5 | 774.0 | 4.1 | -28.9 | 277.3 | 10.4 | 10.3 | -1.3 | 298.3 | 297.7 | 0.4 | 6.8 | 2.1 | 1.3. |
| 7.7 | 29.5 | 2439.1 | 750.0 | 2.3 | -30.9 | 265.8 | 10.2 | 10.2 | 0.7 | 299.1 | 300.4 | 0.4 | 7.0 | 2.7 | 1.2. |
| 8.5 | 32.1 | 2711.6 | 725.0 | 0.6 | -30.4 | 266.7 | 10.8 | 10.8 | 0.6 | 100.2 | 301.5 | 0.4 | 7.3 | 3.0 | 1.1. |
| 9.4 | 34.3 | 2952.1 | 700.0 | -1.4 | -31.3 | 273.3 | 12.5 | 14.5 | -0.7 | 301.0 | 302.3 | 0.4 | 8.1 | 3.5 | 1.1. |
| 10.4 | 37.3 | 3241.1 | 675.0 | -2.4 | -33.7 | 260.1 | 14.1 | 13.9 | -2.5 | 303.0 | 304.1 | 0.3 | 6.8 | 4.4 | 1.1. |
| 11.2 | 40.1 | 3574.8 | 650.0 | -3.6 | -34.5 | 263.0 | 14.9 | 14.5 | -2.4 | 304.9 | 305.0 | 0.3 | 6.9 | 5.1 | 1.1. |
| 12.3 | 42.8 | 3885.0 | 625.0 | -5.0 | -32.6 | 279.6 | 15.5 | 15.2 | -2.4 | 306.7 | 305.0 | 0.4 | 9.4 | 5.0 | 1.3. |
| 13.3 | 45.7 | 4209.1 | 600.0 | -7.4 | -33.5 | 269.0 | 15.4 | 15.4 | 0.3 | 307.5 | 304.8 | 0.4 | 10.3 | 6.9 | 1.7. |
| 14.3 | 48.5 | 4537.7 | 575.0 | -10.0 | -35.3 | 261.4 | 15.5 | 15.3 | 2.3 | 308.3 | 305.4 | 0.3 | 10.4 | 7.4 | 1.4. |
| 15.4 | 51.5 | 4878.6 | 550.0 | -12.6 | -37.1 | 267.2 | 16.0 | 16.0 | 0.8 | 309.1 | 310.1 | 0.3 | 10.7 | 8.4 | 1.3. |
| 16.4 | 54.7 | 5231.9 | 525.0 | -15.3 | -39.0 | 272.1 | 16.1 | 16.1 | -0.6 | 310.1 | 310.9 | 0.2 | 11.0 | 9.9 | 1.7. |
| 17.0 | 57.7 | 5554.0 | 500.0 | -17.2 | -37.7 | 274.8 | 16.6 | 16.6 | -1.4 | 312.1 | 313.1 | 0.3 | 14.9 | 11.2 | 9. |
| 19.1 | 61.0 | 5981.2 | 475.0 | -20.4 | -38.6 | 279.6 | 16.9 | 16.6 | -2.8 | 312.8 | 317.7 | 0.3 | 17.7 | 12.4 | 9. |
| 20.4 | 64.3 | 6375.9 | 450.0 | -22.4 | -43.3 | 278.9 | 16.6 | 16.4 | -2.5 | 315.1 | 317.7 | 0.2 | 12.7 | 13.7 | 9. |
| 21.8 | 67.6 | 6757.2 | 425.0 | -25.8 | -45.9 | 280.5 | 18.1 | 17.8 | -3.3 | 315.9 | 316.5 | 0.1 | 13.0 | 15.2 | 9. |
| 23.4 | 71.0 | 7233.5 | 400.0 | -29.1 | -40.4 | 272.2 | 17.5 | 17.5 | -0.7 | 317.1 | 318.1 | 0.3 | 32.3 | 16.9 | 9. |
| 25.1 | 74.8 | 7690.4 | 375.0 | -33.3 | -39.0 | 249.5 | 14.1 | 19.1 | 0.2 | 317.4 | 318.6 | 0.3 | 56.0 | 18.4 | 9. |
| 26.7 | 78.6 | 8173.0 | 350.0 | -36.1 | -46.5 | 270.1 | 21.9 | 21.9 | -0.1 | 320.0 | 320.6 | 0.2 | 33.2 | 20.4 | 9. |
| 28.5 | 82.3 | 8661.4 | 325.0 | -40.2 | 50.9 | 271.7 | 22.0 | 22.0 | -0.4 | 321.2 | 320.9 | 99.9 | 99.9 | 23.0 | 17. |
| 30.7 | 86.5 | 9224.6 | 300.0 | -44.3 | 99.9 | 271.1 | 26.7 | 26.7 | -0.5 | 322.9 | 322.9 | 99.9 | 99.9 | 26.1 | 3. |
| 32.9 | 91.0 | 9801.0 | 275.0 | -49.4 | 99.9 | 265.7 | 26.4 | 26.4 | 2.0 | 323.7 | 323.7 | 99.9 | 99.9 | 29.4 | 9. |
| 35.3 | 95.7 | 10419.2 | 250.0 | -54.9 | 99.9 | 260.6 | 27.6 | 27.2 | 4.5 | 324.5 | 324.5 | 99.9 | 99.9 | 33.4 | 9. |
| 38.0 | 100.7 | 11049.0 | 225.0 | -56.0 | 99.9 | 265.6 | 32.0 | 31.9 | 2.5 | 325.7 | 325.7 | 99.9 | 99.9 | 37.9 | 13. |
| 41.0 | 106.0 | 11635.1 | 200.0 | -57.9 | 99.9 | 275.1 | 30.6 | 34.5 | -3.5 | 341.1 | 341.1 | 99.9 | 99.9 | 44.7 | 1. |
| 44.3 | 111.9 | 12674.5 | 175.0 | -57.7 | 99.9 | 274.0 | 35.7 | 35.6 | -2.5 | 354.2 | 354.2 | 99.9 | 99.9 | 52.7 | 9. |
| 48.3 | 118.3 | 13647.1 | 150.0 | -57.4 | 99.9 | 273.6 | 27.7 | 27.6 | -1.7 | 371.4 | 371.4 | 99.9 | 99.9 | 59.2 | 3. |
| 52.7 | 125.5 | 14768.4 | 125.0 | -57.2 | 99.9 | 281.7 | 21.0 | 20.6 | -4.2 | 391.4 | 391.4 | 99.9 | 99.9 | 66.1 | 9. |
| 58.4 | 133.3 | 16221.9 | 100.0 | -54.1 | 99.9 | 284.0 | 22.3 | 21.7 | -5.4 | 423.2 | 423.2 | 99.9 | 99.9 | 73.4 | 24. |
| 65.1 | 141.7 | 18061.0 | 75.0 | -56.0 | 99.9 | 278.4 | 10.5 | 10.4 | -1.5 | 455.5 | 455.5 | 99.9 | 99.9 | 81.1 | 35. |
| 73.5 | 150.7 | 20631.8 | 50.0 | -56.6 | 99.9 | 99.9 | 99.9 | 99.9 | 52.5 | 510.3 | 510.3 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.0 | 55.6 | 55.9 | 25.0 | 59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

° FT SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 637
FLINT, MICH25 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | CIQ DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTD GM/KG | RM PCT | RANGE AZ |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|
| 0.7 | 5.7 | 236.0 | 987.1 | 5.6 | 2.8 | 80.0 | 2.6 | -2.0 | -0.5 | 280.4 | 292.6 | 4.7 | 83.0 | 0.0 0° |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 330° |
| 0.4 | 6.7 | 337.0 | 975.0 | 5.0 | 2.2 | 76.3 | 4.6 | -4.4 | -1.1 | 280.7 | 292.6 | 4.6 | 82.5 | 0.1 240° |
| 1.2 | 8.9 | 548.6 | 950.0 | 2.7 | 1.7 | 66.3 | 6.2 | -6.1 | -0.4 | 291.6 | 293.4 | 4.6 | 86.9 | 0.3 240° |
| 2.0 | 10.9 | 765.0 | 925.0 | 2.3 | 0.9 | 88.7 | 6.8 | -6.8 | -0.1 | 282.2 | 293.7 | 4.4 | 96.9 | 0.5 240° |
| 2.9 | 13.0 | 985.7 | 900.0 | 0.6 | -0.1 | 89.3 | 6.2 | -6.2 | -0.1 | 282.6 | 293.7 | 4.2 | 95.4 | 0.5 240° |
| 3.8 | 15.2 | 1211.5 | 875.0 | -0.6 | -1.3 | 82.1 | 3.9 | -3.6 | -0.5 | 283.7 | 294.2 | 4.0 | 95.1 | 1.3 240° |
| 4.7 | 17.4 | 1445.0 | 850.0 | 1.8 | -4.1 | 43.4 | 2.9 | -2.0 | -0.8 | 288.5 | 297.6 | 3.4 | 65.8 | 1.6 240° |
| 5.6 | 19.7 | 1695.7 | 825.0 | 1.8 | -13.4 | 302.1 | 1.5 | 1.3 | -0.8 | 297.7 | 295.5 | 1.6 | 31.3 | 1.5 240° |
| 6.6 | 21.9 | 1934.7 | 800.0 | 3.0 | -10.1 | 282.6 | 5.1 | 5.0 | -1.1 | 294.7 | 301.1 | 2.2 | 37.7 | 1.2 240° |
| 7.5 | 24.3 | 2191.5 | 775.0 | 3.3 | -47.9 | 284.0 | 4.9 | 4.8 | -1.2 | 297.4 | 297.6 | 0.1 | 1.0 | 1.0 240° |
| 8.5 | 26.5 | 2457.1 | 750.0 | 2.9 | -48.1 | 288.4 | 6.8 | 6.5 | -2.2 | 299.7 | 300.0 | 0.1 | 1.0 | 0.8 240° |
| 9.5 | 29.3 | 2730.2 | 725.0 | 1.2 | -49.2 | 282.0 | 9.0 | 8.8 | -1.9 | 300.8 | 301.0 | 0.1 | 1.0 | 0.5 140° |
| 10.5 | 31.5 | 3011.7 | 700.0 | -0.3 | -27.9 | 271.5 | 9.6 | 9.6 | -0.2 | 302.2 | 304.2 | 0.6 | 12.4 | 0.4 140° |
| 11.5 | 34.2 | 3321.1 | 675.0 | -2.9 | -21.5 | 270.2 | 8.0 | 8.0 | -0.0 | 302.5 | 305.7 | 1.0 | 22.1 | 1.2 140° |
| 12.5 | 36.6 | 3598.9 | 650.0 | -4.8 | -32.4 | 268.4 | 6.9 | 6.9 | 0.2 | 303.6 | 305.0 | 0.4 | 10.8 | 1.5 140° |
| 13.7 | 39.3 | 3906.3 | 625.0 | -6.5 | -36.9 | 261.6 | 7.8 | 7.7 | 1.1 | 305.0 | 305.8 | 0.3 | 6.8 | 2.3 140° |
| 14.8 | 41.9 | 4223.8 | 600.0 | -8.5 | -32.7 | 255.8 | 7.5 | 7.3 | 1.8 | 306.3 | 307.6 | 0.4 | 12.0 | 2.4 140° |
| 15.9 | 44.8 | 4541.9 | 575.0 | -11.5 | -32.5 | 262.6 | 7.6 | 7.6 | 1.0 | 306.5 | 307.9 | 0.4 | 15.6 | 2.7 140° |
| 17.1 | 47.9 | 4891.0 | 550.0 | -14.2 | -24.9 | 253.6 | 9.0 | 8.6 | 2.5 | 307.3 | 310.3 | 0.9 | 40.0 | 3.5 140° |
| 18.4 | 50.6 | 5242.4 | 525.0 | -16.6 | -28.0 | 231.4 | 11.0 | 8.6 | 6.8 | 308.5 | 310.9 | 0.7 | 36.2 | 4.1 140° |
| 19.7 | 53.6 | 5607.4 | 500.0 | -19.4 | -20.6 | 229.4 | 12.8 | 9.7 | 8.3 | 309.5 | 312.3 | 0.9 | 52.9 | 4.9 140° |
| 20.9 | 56.4 | 5986.3 | 475.0 | -22.6 | -27.3 | 238.1 | 13.7 | 11.6 | 7.2 | 310.0 | 312.8 | 0.8 | 65.5 | 5.8 140° |
| 22.2 | 59.9 | 6381.6 | 450.0 | -24.7 | -27.9 | 245.8 | 13.9 | 13.0 | 4.8 | 312.2 | 315.0 | 0.8 | 74.6 | 6.8 140° |
| 23.6 | 63.3 | 6794.6 | 425.0 | -28.5 | -38.2 | 256.1 | 14.0 | 13.6 | 3.4 | 312.4 | 313.6 | 0.3 | 38.7 | 8.7 140° |
| 25.1 | 66.7 | 7226.4 | 400.0 | -31.5 | -36.6 | 255.2 | 16.3 | 15.7 | 4.1 | 314.0 | 315.4 | 0.4 | 60.0 | 7.3 140° |
| 26.5 | 70.3 | 7681.0 | 375.0 | -34.0 | -43.2 | 259.6 | 19.9 | 19.6 | 3.6 | 316.5 | 317.3 | 0.2 | 38.8 | 10.8 140° |
| 27.9 | 74.0 | 8162.2 | 350.0 | -35.9 | -44.3 | 258.5 | 31.0 | 30.4 | 6.2 | 320.3 | 321.0 | 0.2 | 41.1 | 13.9 140° |
| 29.5 | 78.0 | 8674.3 | 325.0 | -38.5 | -44.7 | 249.6 | 43.3 | 40.6 | 15.1 | 323.6 | 324.3 | 0.2 | 51.3 | 16.3 140° |
| 31.1 | 82.0 | 9220.5 | 300.0 | -41.5 | 99.9 | 241.3 | 52.4 | 46.0 | 25.2 | 326.8 | 999.9 | 99.9 | 99.9 | 21.1 140° |
| 33.2 | 86.3 | 9836.4 | 275.0 | -45.2 | 99.9 | 243.1 | 56.6 | 50.5 | 25.6 | 329.8 | 999.9 | 99.9 | 99.9 | 28.0 140° |
| 35.4 | 91.2 | 10436.2 | 250.0 | -50.0 | 99.9 | 243.7 | 59.4 | 52.7 | 27.0 | 331.7 | 999.9 | 99.9 | 99.9 | 35.5 140° |
| 37.6 | 96.0 | 11115.7 | 225.0 | -55.9 | 99.9 | 246.9 | 63.7 | 58.6 | 25.0 | 332.8 | 999.9 | 99.9 | 99.9 | 43.6 140° |
| 40.1 | 101.3 | 11855.7 | 200.0 | -61.2 | 99.9 | 252.4 | 67.5 | 64.3 | 20.4 | 335.9 | 999.9 | 99.9 | 99.9 | 53.0 140° |
| 42.5 | 107.3 | 12676.7 | 175.0 | -63.5 | 99.9 | 266.2 | 42.0 | 41.9 | 2.8 | 345.2 | 999.9 | 99.9 | 99.9 | 60.5 140° |
| 46.1 | 114.0 | 13666.1 | 150.0 | -58.4 | 99.9 | 273.5 | 28.5 | 28.5 | -1.8 | 372.9 | 999.9 | 99.9 | 99.9 | 67.7 140° |
| 49.7 | 121.3 | 14799.1 | 125.0 | -57.0 | 99.9 | 259.6 | 23.3 | 22.9 | 4.2 | 391.8 | 999.9 | 99.9 | 99.9 | 71.8 140° |
| 54.7 | 129.7 | 16228.7 | 100.0 | -53.4 | 99.9 | 249.0 | 11.9 | 11.1 | 4.3 | 424.6 | 999.9 | 99.9 | 99.9 | 77.4 140° |
| 60.4 | 139.0 | 18062.6 | 75.0 | -58.5 | 99.9 | 262.4 | 10.8 | 10.8 | 1.4 | 450.3 | 999.9 | 99.9 | 99.9 | 83.4 140° |
| 60.7 | 149.3 | 20631.3 | 50.0 | -55.2 | 99.9 | 126.9 | 4.2 | -3.3 | 2.5 | 513.4 | 999.9 | 99.9 | 99.9 | 85.1 140° |
| 62.4 | 160.0 | 23674.2 | 25.0 | -52.0 | 99.9 | 44.6 | 1.4 | -1.0 | -1.0 | 635.1 | 999.9 | 99.9 | 99.9 | 88.1 140° |

ORIGINAL PAGE IS
OF POOR QUALITY* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO: 645
GREEN RAY, WIS

25 APRIL 1975
1115 GMT

154 17.0

| TIME MIN | CNTCT | HEIGHT GFW | PRES WB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | " COMP SEC | V CCPP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|---------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6. | 210.0 | 991.2 | 4.4 | 2.9 | 40.0 | 3.6 | 2.3 | -2.8 | 278.9 | 281.1 | 4.8 | 90.0 | 0.0 | 9. |
| 0.5 | 99. | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.0 | 99. | 344.2 | 975.0 | 3.7 | 1.5 | 99.9 | 99.9 | 99.9 | 99.9 | 279.4 | 280.7 | 4.4 | 85.2 | 99.9 | 99.9 |
| 1.2 | 10.4 | 556.9 | 925.0 | 2.0 | 0.2 | 99.9 | 99.9 | 99.9 | 99.9 | 279.7 | 280.3 | 4.1 | 87.8 | 99.9 | 99.9 |
| 2.0 | 12.5 | 769.5 | 925.0 | -0.2 | -0.5 | 75.5 | 7.6 | -7.3 | -1.9 | 279.7 | 280.0 | 4.0 | 98.2 | 0.9 | 25.5 |
| 2.7 | 14.9 | 586.5 | 900.0 | -0.6 | -3.5 | 45.6 | 7.4 | -8.2 | -3.7 | 281.3 | 289.9 | 3.3 | 80.7 | 1.1 | 25.0 |
| 3.5 | 17.0 | 1216.1 | 875.0 | 3.4 | -12.9 | 59.5 | 9.0 | -6.4 | -3.7 | 287.5 | 292.1 | 1.6 | 29.0 | 1.5 | 25.0 |
| 4.3 | 19.4 | 1450.8 | 850.0 | 2.7 | -12.4 | 19.5 | 4.1 | -1.4 | -3.9 | 289.2 | 296.3 | 1.8 | 32.1 | 1.8 | 24.7 |
| 5.2 | 21.6 | 1692.1 | 825.0 | 1.9 | -8.4 | 35.8 | 4.9 | 0.4 | -4.9 | 291.0 | 297.9 | 2.5 | 46.0 | 1.9 | 24.1 |
| 6.1 | 24.2 | 1932.7 | 800.0 | 0.4 | -8.6 | 33.6 | 3.9 | 1.9 | -3.4 | 291.9 | 298.9 | 2.5 | 50.7 | 2.0 | 23.3 |
| 7.0 | 26.5 | 2198.1 | 775.0 | -0.2 | -17.4 | 29.5 | 5.1 | 4.7 | -1.4 | 293.8 | 298.3 | 1.6 | 32.9 | 1.9 | 22.8 |
| 7.9 | 28.1 | 2455.4 | 750.0 | -0.2 | -39.7 | 29.7 | 9.0 | 8.2 | -3.6 | 296.4 | 296.9 | 0.2 | 3.2 | 1.8 | 21.6 |
| 8.9 | 31.7 | 2727.3 | 725.0 | -1.2 | -27.2 | 29.2 | 9.5 | 8.7 | -3.6 | 298.2 | 300.0 | 0.6 | 12.5 | 1.8 | 19.6 |
| 9.8 | 34.4 | 3003.6 | 700.0 | -3.9 | -12.6 | 29.9 | 7.5 | 6.9 | -2.9 | 298.5 | 308.6 | 2.1 | 50.9 | 1.9 | 18.2 |
| 10.8 | 36.3 | 3241.9 | 675.0 | -5.6 | -8.7 | 28.3 | 7.3 | 6.9 | -2.3 | 299.8 | 308.3 | 2.9 | 78.9 | 2.0 | 17.2 |
| 11.4 | 39.7 | 3597.7 | 650.0 | -7.2 | -8.8 | 27.8 | 8.9 | 8.7 | -1.5 | 301.2 | 310.0 | 3.0 | 88.2 | 2.3 | 15.0 |
| 12.0 | 42.3 | 3892.4 | 625.0 | -9.5 | -10.7 | 27.7 | 9.0 | 8.9 | -1.4 | 301.9 | 309.9 | 2.7 | 90.4 | 2.6 | 14.8 |
| 13.0 | 45.2 | 4207.0 | 600.0 | -11.5 | -12.8 | 27.3 | 8.9 | 8.9 | -1.0 | 303.1 | 310.1 | 2.4 | 90.3 | 3.0 | 14.1 |
| 14.0 | 48.1 | 4532.1 | 575.0 | -13.4 | -15.0 | 27.8 | 9.8 | 9.7 | -1.0 | 304.5 | 310.7 | 2.1 | 87.8 | 3.4 | 13.3 |
| 15.1 | 50.9 | 4869.1 | 550.0 | -15.9 | -17.5 | 26.8 | 9.6 | 9.6 | 1.0 | 305.4 | 310.7 | 1.7 | 87.3 | 4.0 | 12.7 |
| 16.1 | 54.3 | 5219.3 | 525.0 | -18.3 | -20.5 | 26.5 | 10.0 | 9.9 | 1.0 | 306.5 | 310.9 | 1.4 | 83.1 | 4.4 | 12.1 |
| 17.2 | 56.8 | 5581.3 | 500.0 | -20.5 | -23.4 | 27.1 | 9.8 | 9.8 | -0.2 | 308.2 | 311.9 | 1.2 | 77.2 | 5.1 | 11.7 |
| 18.5 | 60.3 | 5959.6 | 475.0 | -23.7 | -27.1 | 26.2 | 11.4 | 11.4 | 0.4 | 308.7 | 311.5 | 1.9 | 73.2 | 5.4 | 11.3 |
| 19.7 | 63.3 | 6351.5 | 450.0 | -26.9 | -31.6 | 26.3 | 11.6 | 11.6 | 1.0 | 309.5 | 311.4 | 0.6 | 64.2 | 6.5 | 11.0 |
| 20.9 | 66.6 | 6760.9 | 425.0 | -30.4 | -34.1 | 25.6 | 11.8 | 11.6 | 2.1 | 310.1 | 311.7 | 0.5 | 69.7 | 7.4 | 10.7 |
| 22.2 | 70.1 | 7148.4 | 400.0 | -34.5 | -38.6 | 25.8 | 12.5 | 12.3 | 2.2 | 310.2 | 311.3 | 0.3 | 65.5 | 8.3 | 10.3 |
| 23.6 | 73.7 | 7636.3 | 375.0 | -38.0 | -44.2 | 25.0 | 15.4 | 14.9 | 3.7 | 311.2 | 311.8 | 0.2 | 41.2 | 9.4 | 10.0 |
| 25.1 | 77.5 | 8138.2 | 350.0 | -41.4 | -49.9 | 25.0 | 14.6 | 14.2 | 3.5 | 312.9 | 309.9 | 99.9 | 99.9 | 10.6 | 9.7 |
| 26.7 | 81.2 | 8607.7 | 325.0 | -44.5 | -54.9 | 24.8 | 14.8 | 14.6 | 2.1 | 313.3 | 309.9 | 99.9 | 99.9 | 12.1 | 9.4 |
| 28.4 | 85.3 | 9134.5 | 300.0 | -48.3 | -59.9 | 27.8 | 16.3 | 15.2 | -1.7 | 317.3 | 309.9 | 99.9 | 99.9 | 13.8 | 9.4 |
| 30.1 | 89.5 | 9707.7 | 275.0 | -52.2 | -64.9 | 24.5 | 20.3 | 18.9 | 7.3 | 319.6 | 309.9 | 99.9 | 99.9 | 15.5 | 9.3 |
| 31.4 | 94.2 | 10324.6 | 250.0 | -56.2 | -69.9 | 24.2 | 24.2 | 24.8 | 13.1 | 320.0 | 309.9 | 99.9 | 99.9 | 18.3 | 8.4 |
| 33.0 | 99.0 | 11003.3 | 225.0 | -59.7 | -74.9 | 25.1 | 36.9 | 34.7 | 12.5 | 334.7 | 309.9 | 99.9 | 99.9 | 22.0 | 8.4 |
| 34.4 | 104.0 | 11755.1 | 200.0 | -64.3 | -79.9 | 28.7 | 48.6 | 28.1 | 5.6 | 343.6 | 309.9 | 99.9 | 99.9 | 27.9 | 8.2 |
| 36.0 | 109.9 | 12604.1 | 175.0 | -68.2 | -84.9 | 26.9 | 30.1 | 29.8 | 4.3 | 357.2 | 309.9 | 99.9 | 99.9 | 31.3 | 8.1 |
| 37.9 | 115.6 | 13586.9 | 150.0 | -72.0 | -89.9 | 26.7 | 24.8 | 24.0 | -6.3 | 376.1 | 309.9 | 99.9 | 99.9 | 34.8 | 8.3 |
| 39.0 | 122.5 | 14754.0 | 125.0 | -75.9 | -94.9 | 27.2 | 19.3 | 19.3 | -0.1 | 395.7 | 309.9 | 99.9 | 99.9 | 43.5 | 8.5 |
| 40.6 | 130.3 | 16180.3 | 100.0 | -80.0 | -99.9 | 25.7 | 13.5 | 12.8 | 4.5 | 419.5 | 309.9 | 99.9 | 99.9 | 48.2 | 8.5 |
| 42.1 | 138.0 | 18025.1 | 75.0 | -83.5 | -99.9 | 27.5 | 16.1 | 15.9 | -2.1 | 460.9 | 309.9 | 99.9 | 99.9 | 54.0 | 8.6 |
| 43.8 | 146.5 | 20615.8 | 50.0 | -86.8 | -99.9 | 27.7 | 4.3 | -3.3 | -2.7 | 515.4 | 309.9 | 99.9 | 99.9 | 54.9 | 8.6 |
| 45.5 | 155.7 | 25087.7 | 25.0 | -92.0 | -99.9 | 79.7 | 3.1 | -3.1 | -0.6 | 635.5 | 309.9 | 99.9 | 99.9 | 53.7 | 8.7 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 654

MURON, S D

25 APRIL 1975

1115 GMT

| TIME MIN | CNTCT | WEIGHT GEN | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V CCMP M/SEC | POT T DG K | E POT T DG K | MX MTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.1 | 392.0 | 967.2 | 7.2 | 5.5 | 86.0 | 4.2 | -4.1 | -0.7 | 283.2 | 299.0 | 5.9 | 89.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 99.9 | 59.9 | 975.0 | 69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.2 | 13.0 | 535.8 | 950.0 | 6.5 | 6.0 | 76.4 | 6.6 | -6.4 | -1.6 | 284.6 | 300.6 | 6.2 | 97.0 | 0.3 | 287. |
| 1.9 | 15.3 | 756.6 | 925.0 | 6.0 | 5.6 | 90.8 | 4.0 | -4.0 | 0.1 | 286.3 | 302.3 | 6.2 | 96.9 | 0.5 | 275. |
| 2.6 | 17.6 | 987.5 | 900.0 | 5.4 | 4.9 | 90.0 | 3.3 | -3.3 | -0.0 | 287.8 | 303.7 | 6.1 | 96.8 | 0.6 | 277. |
| 3.3 | 20.1 | 1450.0 | 850.0 | 3.9 | -2.8 | 105.9 | 4.6 | -4.5 | 0.0 | 289.5 | 302.7 | 5.0 | 79.7 | 0.7 | 274. |
| 4.1 | 22.4 | 1653.4 | 825.9 | 5.2 | -3.1 | 137.5 | 3.7 | -2.2 | 1.6 | 290.7 | 300.7 | 3.7 | 62.0 | 1.0 | 275. |
| 4.9 | 25.7 | 1944.5 | 800.0 | 4.8 | -3.0 | 299.1 | 0.7 | 0.6 | -0.3 | 296.5 | 303.5 | 3.2 | 47.6 | 1.1 | 280. |
| 5.7 | 27.4 | 2203.4 | 775.0 | 5.0 | -23.1 | 312.7 | 2.9 | 2.9 | -0.3 | 299.3 | 302.4 | 1.8 | 26.1 | 1.2 | 283. |
| 6.6 | 30.1 | 2470.2 | 750.0 | 3.9 | -30.0 | 297.6 | 5.4 | 4.8 | -2.6 | 299.3 | 302.3 | 1.0 | 14.8 | 1.1 | 279. |
| 7.5 | 32.9 | 2745.1 | 725.0 | 3.2 | -37.0 | 293.9 | 6.5 | 6.0 | -2.6 | 303.0 | 303.8 | 0.4 | 6.3 | 0.8 | 271. |
| 8.4 | 35.3 | 3028.4 | 700.0 | 1.5 | -49.0 | 293.9 | 8.4 | 7.7 | -3.4 | 304.1 | 304.3 | 0.1 | 3.6 | 0.6 | 259. |
| 9.5 | 38.2 | 3320.3 | 675.0 | 0.5 | -49.6 | 297.3 | 11.5 | 10.3 | -5.3 | 306.2 | 306.4 | 0.1 | 1.0 | 0.3 | 215. |
| 10.4 | 40.9 | 3621.7 | 650.0 | -1.7 | -51.0 | 258.6 | 13.3 | 12.0 | -5.7 | 307.1 | 307.3 | 0.1 | 1.0 | 0.6 | 146. |
| 11.4 | 43.8 | 3932.1 | 625.0 | -4.3 | -52.6 | 290.9 | 12.9 | 12.0 | -4.6 | 307.5 | 307.7 | 0.0 | 1.0 | 1.3 | 131. |
| 12.4 | 46.4 | 4251.9 | 600.0 | -7.1 | -54.4 | 280.0 | 12.7 | 12.1 | -3.9 | 307.9 | 308.0 | 0.0 | 1.0 | 2.1 | 124. |
| 13.6 | 49.9 | 4582.1 | 575.0 | -9.7 | -56.1 | 287.7 | 11.6 | 11.0 | -3.5 | 308.6 | 308.7 | 0.0 | 1.0 | 2.9 | 120. |
| 14.8 | 52.9 | 4923.7 | 550.0 | -11.9 | -57.4 | 280.4 | 9.6 | 9.0 | -3.3 | 309.9 | 310.0 | 0.0 | 1.0 | 3.7 | 117. |
| 16.0 | 55.3 | 5277.9 | 525.0 | -14.5 | -59.1 | 29.9 | 8.3 | 7.7 | -3.1 | 310.9 | 311.0 | 0.0 | 1.0 | 4.5 | 116. |
| 17.1 | 59.1 | 5645.0 | 500.0 | -17.4 | -61.2 | 287.6 | 9.0 | 8.6 | -2.7 | 311.3 | 311.4 | 0.0 | 1.0 | 5.1 | 115. |
| 18.4 | 62.4 | 6026.3 | 475.0 | -20.7 | -63.1 | 283.3 | 9.7 | 9.5 | -2.1 | 312.3 | 312.3 | 0.0 | 1.0 | 5.7 | 115. |
| 19.7 | 65.7 | 6424.0 | 450.0 | -23.4 | -64.9 | 280.3 | 12.5 | 12.3 | -2.2 | 313.7 | 313.8 | 0.0 | 1.0 | 6.4 | 114. |
| 21.2 | 69.1 | 6836.3 | 425.0 | -26.4 | -67.3 | 281.1 | 15.9 | 15.6 | -3.1 | 315.1 | 315.2 | 0.0 | 1.0 | 7.2 | 112. |
| 22.6 | 72.6 | 7274.3 | 400.0 | -30.3 | -72.5 | 278.2 | 15.1 | 15.0 | -3.1 | 315.6 | 315.9 | 0.1 | 1.0 | 8.4 | 111. |
| 24.0 | 76.3 | 7730.4 | 375.0 | -33.6 | -75.2 | 275.9 | 16.6 | 16.6 | -1.7 | 317.0 | 317.3 | 0.1 | 1.0 | 9.7 | 109. |
| 25.7 | 80.1 | 8210.4 | 350.0 | -37.7 | -78.7 | 273.6 | 18.3 | 18.2 | -1.8 | 317.9 | 318.4 | 0.1 | 1.0 | 11.1 | 107. |
| 27.3 | 84.2 | 8717.6 | 325.0 | -41.6 | -81.9 | 275.2 | 22.9 | 22.8 | -2.1 | 319.4 | 319.9 | 0.1 | 1.0 | 12.8 | 106. |
| 29.3 | 88.3 | 9255.7 | 300.0 | -46.2 | -85.9 | 276.2 | 25.5 | 25.3 | -2.7 | 320.2 | 320.9 | 0.1 | 1.0 | 14.7 | 105. |
| 31.4 | 92.0 | 9827.7 | 275.0 | -51.2 | -89.9 | 275.5 | 27.9 | 27.4 | -2.6 | 321.1 | 321.9 | 0.1 | 1.0 | 17.6 | 103. |
| 33.7 | 97.6 | 10441.9 | 250.0 | -55.5 | -93.9 | 276.8 | 30.1 | 29.8 | -3.5 | 323.5 | 323.5 | 0.1 | 1.0 | 20.9 | 102. |
| 36.0 | 102.5 | 11107.9 | 225.0 | -58.2 | -97.9 | 281.5 | 36.1 | 35.4 | -7.2 | 329.4 | 329.9 | 0.1 | 1.0 | 25.0 | 101. |
| 38.6 | 108.0 | 11844.1 | 200.0 | -61.7 | -99.9 | 280.1 | 38.0 | 36.6 | -8.7 | 335.0 | 335.9 | 0.1 | 1.0 | 29.7 | 100. |
| 41.5 | 113.8 | 12671.1 | 175.0 | -61.7 | -99.9 | 269.1 | 33.7 | 33.7 | 1.1 | 346.0 | 346.0 | 0.1 | 1.0 | 35.0 | 102. |
| 44.3 | 120.0 | 13636.4 | 150.0 | -59.2 | -99.9 | 279.6 | 32.6 | 32.3 | -3.8 | 368.1 | 368.1 | 0.1 | 1.0 | 40.4 | 101. |
| 48.6 | 126.8 | 14783.2 | 125.0 | -58.3 | -99.9 | 273.1 | 18.7 | 18.7 | -1.0 | 389.4 | 389.9 | 0.1 | 1.0 | 44.9 | 101. |
| 53.8 | 134.3 | 16190.4 | 100.0 | -57.2 | -99.9 | 272.1 | 17.2 | 17.1 | -0.6 | 417.3 | 417.3 | 0.1 | 1.0 | 50.3 | 100. |
| 60.3 | 142.0 | 18021.6 | 75.0 | -51.7 | -99.9 | 278.9 | 8.7 | 8.5 | -1.3 | 444.6 | 444.6 | 0.1 | 1.0 | 55.9 | 99. |
| 68.6 | 150.0 | 20425.6 | 50.0 | -54.7 | -99.9 | 40.0 | 3.8 | -2.4 | -2.9 | 514.6 | 514.6 | 0.1 | 1.0 | 61.3 | 99. |
| 80.6 | 158.3 | 25110.6 | 25.0 | -51.2 | -99.9 | 25.0 | 1.2 | -0.6 | -1.1 | 638.0 | 638.0 | 0.1 | 1.0 | 61.4 | 99. |
| | | | | | | | | | | | | | | 62.6 | 101. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 655
ST CLOUD, MINN25 APRIL 1975
1115 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG F | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.5 | 316.0 | 980.0 | 5.9 | 4.1 | 60.0 | 4.2 | -3.6 | -2.1 | 281.3 | 294.8 | 5.2 | 88.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 55.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 7.0 | 357.9 | 975.0 | 5.6 | 4.0 | 67.8 | 12.1 | -11.2 | -4.6 | 281.4 | 294.8 | 5.2 | 89.4 | 0.2 | 263.0 |
| 1.0 | 6.3 | 570.7 | 950.0 | 5.6 | 2.5 | 74.0 | 7.3 | -7.0 | -2.0 | 283.5 | 296.1 | 8 | 80.4 | 0.5 | 214.0 |
| 1.9 | 11.5 | 789.3 | 925.0 | 6.2 | 2.4 | 76.4 | 2.7 | -2.7 | -0.6 | 286.2 | 300.2 | 4.9 | 76.7 | 0.7 | 257.0 |
| 2.7 | 13.8 | 1013.7 | 900.0 | 5.0 | 2.4 | 43.7 | 2.4 | -1.7 | -1.9 | 287.3 | 300.7 | 5.1 | 83.0 | 0.9 | 254.0 |
| 3.6 | 15.9 | 1243.1 | 875.0 | 3.1 | 2.1 | 20.2 | 1.7 | -0.6 | -1.6 | 287.6 | 301.1 | 5.1 | 93.0 | 0.9 | 253.0 |
| 4.6 | 19.4 | 1477.9 | 850.0 | 1.6 | 1.4 | 321.9 | 1.0 | 0.6 | -0.8 | 288.5 | 301.7 | 5.0 | 98.4 | 0.9 | 245.0 |
| 5.4 | 20.9 | 1719.6 | 825.0 | 1.0 | 0.5 | 15.3 | 2.4 | -0.6 | -2.3 | 290.3 | 303.2 | 4.8 | 96.5 | 0.9 | 242.0 |
| 6.2 | 23.2 | 1965.6 | 800.0 | -0.9 | -1.0 | 5.4 | 3.5 | -0.6 | -3.4 | 290.8 | 303.9 | 4.5 | 99.1 | 1.1 | 215.0 |
| 7.3 | 25.6 | 2218.8 | 775.0 | -2.3 | -2.5 | 7.4 | 1.8 | -0.2 | -1.7 | 291.5 | 303.1 | 4.1 | 98.7 | 1.2 | 210.0 |
| 7.9 | 28.1 | 2478.9 | 750.0 | -3.3 | -4.3 | 304.8 | 1.3 | 1.1 | -0.7 | 293.5 | 303.7 | 3.7 | 92.5 | 1.2 | 224.0 |
| 9.0 | 30.8 | 2746.7 | 725.0 | -4.3 | -7.2 | 300.1 | 3.6 | 3.1 | -1.8 | 295.1 | 303.7 | 3.1 | 80.2 | 1.1 | 222.0 |
| 10.1 | 33.6 | 3023.1 | 700.0 | -5.0 | -9.6 | 312.7 | 4.9 | 3.6 | -3.3 | 297.3 | 304.9 | 2.6 | 70.0 | 1.1 | 207.0 |
| 11.1 | 36.1 | 3308.6 | 675.0 | -6.2 | -11.2 | 346.2 | 4.6 | 1.1 | -4.5 | 299.0 | 306.0 | 2.4 | 67.4 | 1.3 | 144.0 |
| 12.2 | 38.9 | 3587.6 | 650.0 | -6.6 | -21.7 | 354.8 | 5.8 | 0.5 | -3.8 | 301.6 | 306.9 | 1.1 | 29.8 | 1.6 | 192.0 |
| 13.3 | 41.6 | 3935.6 | 625.0 | -7.5 | -20.2 | 345.4 | 8.1 | 2.0 | -7.8 | 304.0 | 307.8 | 1.2 | 35.2 | 2.0 | 197.0 |
| 14.5 | 44.5 | 4226.1 | 600.0 | -5.8 | -23.9 | 340.2 | 9.6 | 3.2 | -9.0 | 304.5 | 307.8 | 0.9 | 30.7 | 2.6 | 141.0 |
| 15.6 | 47.6 | 4533.1 | 574.0 | -11.9 | -39.3 | 338.4 | 11.5 | 4.2 | -10.7 | 306.0 | 308.8 | 0.2 | 8.8 | 3.3 | 176.0 |
| 16.9 | 50.5 | 4891.9 | 550.0 | -14.5 | -41.0 | 333.1 | 13.7 | 6.2 | -12.3 | 306.8 | 307.5 | 0.2 | 8.4 | 4.2 | 172.0 |
| 18.0 | 53.5 | 5242.0 | 525.0 | -17.7 | -41.2 | 331.1 | 13.0 | 6.3 | -11.3 | 307.1 | 307.8 | 0.2 | 10.7 | 5.1 | 144.0 |
| 19.3 | 56.7 | 5665.7 | 500.0 | -19.9 | -62.6 | 340.1 | 12.8 | 4.3 | -12.0 | 308.7 | 308.8 | 0.0 | 1.0 | 6.0 | 144.0 |
| 20.6 | 60.0 | 5983.8 | 475.0 | -23.1 | -64.7 | 350.9 | 14.6 | 2.3 | -14.4 | 309.3 | 309.3 | 0.0 | 1.0 | 7.1 | 146.0 |
| 21.9 | 63.1 | 6377.6 | 450.0 | -25.9 | -67.5 | 347.2 | 17.6 | 3.9 | -17.2 | 310.7 | 310.7 | 0.0 | 1.0 | 8.4 | 167.0 |
| 23.4 | 66.9 | 6788.4 | 425.0 | -29.6 | -68.9 | 340.4 | 17.6 | 5.9 | -16.6 | 311.0 | 311.0 | 0.0 | 1.0 | 10.0 | 146.0 |
| 25.0 | 70.5 | 7217.6 | 400.0 | -33.3 | -71.3 | 336.4 | 19.8 | 7.9 | -18.1 | 311.7 | 311.7 | 0.0 | 1.0 | 11.4 | 145.0 |
| 26.8 | 74.2 | 7667.7 | 375.0 | -36.5 | -73.4 | 332.9 | 20.6 | 9.4 | -16.3 | 313.2 | 313.3 | 0.0 | 1.0 | 13.9 | 143.0 |
| 28.7 | 78.2 | 8141.4 | 350.0 | -40.5 | -99.9 | 327.3 | 21.1 | 11.5 | -17.7 | 314.1 | 999.9 | 99.9 | 999.9 | 16.1 | 161.0 |
| 30.5 | 82.2 | 8642.2 | 325.0 | -44.6 | 99.9 | 322.7 | 20.4 | 12.4 | -16.2 | 315.3 | 999.9 | 99.9 | 999.9 | 18.3 | 139.0 |
| 32.4 | 86.3 | 9172.8 | 300.0 | -49.2 | 99.9 | 324.1 | 24.7 | 14.5 | -20.7 | 316.1 | 999.9 | 99.9 | 999.9 | 21.0 | 137.0 |
| 34.4 | 90.6 | 9737.5 | 275.0 | -53.7 | 99.9 | 320.3 | 25.3 | 16.2 | -19.5 | 317.5 | 999.9 | 99.9 | 999.9 | 23.8 | 136.0 |
| 36.6 | 95.7 | 10343.0 | 250.0 | -58.6 | 99.9 | 284.7 | 26.7 | 19.5 | -13.2 | 319.0 | 999.9 | 99.9 | 999.9 | 27.2 | 153.0 |
| 39.0 | 100.7 | 11002.4 | 225.0 | -60.3 | 99.9 | 298.2 | 31.2 | 27.4 | -14.8 | 326.2 | 999.9 | 99.9 | 999.9 | 30.7 | 149.0 |
| 41.7 | 106.3 | 11742.5 | 200.0 | -58.6 | 99.9 | 294.3 | 21.2 | 19.3 | -8.7 | 340.0 | 999.9 | 99.9 | 999.9 | 34.9 | 146.0 |
| 44.7 | 112.0 | 12580.3 | 175.0 | -59.0 | 99.9 | 284.7 | 28.0 | 27.1 | -7.1 | 352.6 | 999.9 | 99.9 | 999.9 | 38.5 | 142.0 |
| 48.3 | 118.5 | 13557.9 | 150.0 | -55.2 | 99.9 | 279.4 | 19.2 | 18.9 | -3.2 | 375.0 | 999.9 | 99.9 | 999.9 | 43.3 | 137.0 |
| 52.0 | 125.8 | 14709.6 | 125.0 | -56.7 | 99.9 | 269.1 | 19.3 | 18.2 | -6.3 | 348.7 | 999.9 | 99.9 | 999.9 | 47.0 | 134.0 |
| 57.0 | 134.0 | 16122.6 | 100.0 | -56.1 | 99.9 | 283.2 | 14.5 | 14.1 | -3.3 | 419.4 | 999.9 | 99.9 | 999.9 | 51.8 | 112.0 |
| 63.6 | 142.7 | 17548.3 | 75.0 | -54.1 | 99.9 | 245.1 | 5.1 | 4.8 | -2.2 | 456.5 | 999.9 | 99.9 | 999.9 | 53.8 | 129.0 |
| 72.7 | 153.0 | 20551.2 | 50.0 | -53.8 | 99.9 | 42.4 | 5.8 | -3.1 | -4.3 | 516.7 | 999.9 | 99.9 | 999.9 | 55.5 | 129.0 |
| 86.2 | 164.5 | 25025.1 | 25.0 | -52.8 | 99.9 | 14.7 | 4.6 | -1.1 | -4.5 | 632.9 | 999.9 | 99.9 | 999.9 | 56.9 | 132.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 662
RAPID CITY, S D

25 APRIL 1975
1115 GMT

| TIME MIN | CNCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD CM/KG | RM PCT | 152 12. 0 | |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| | | | | | | | | | | | | | | RANGF KM | AZ DG |
| 0.0 | 15.0 | 966.0 | 899.8 | 4.4 | 4.0 | 140.0 | 7.2 | -4.6 | 5.2 | 286.8 | 301.6 | 5.7 | 97.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.7 | 17.1 | 1194.0 | 875.0 | 4.4 | 4.3 | 183.5 | 9.7 | 3.6 | 9.7 | 289.2 | 304.9 | 6.0 | 99.2 | 0.4 | 3.7. |
| 1.7 | 15.5 | 1430.5 | 850.0 | 5.0 | -2.9 | 156.9 | 15.3 | -5.0 | 14.1 | 291.8 | 301.8 | 3.6 | 56.8 | 1.1 | 34.3. |
| 2.5 | 21.7 | 1675.7 | 825.0 | 7.5 | -3.1 | 166.0 | 17.4 | -4.2 | 14.9 | 297.0 | 307.4 | 3.7 | 46.7 | 1.9 | 34.1. |
| 3.3 | 24.1 | 1929.1 | 800.0 | 7.5 | -10.2 | 174.1 | 17.6 | -1.6 | 17.5 | 299.5 | 305.9 | 2.2 | 27.2 | 2.8 | 34.4. |
| 4.4 | 26.4 | 2190.1 | 775.0 | 7.1 | -12.2 | 183.2 | 19.4 | 1.1 | 19.4 | 301.7 | 307.6 | 2.0 | 24.5 | 3.9 | 34.9. |
| 5.4 | 29.0 | 2456.2 | 750.0 | 6.2 | -11.2 | 189.1 | 20.0 | 3.2 | 19.7 | 303.6 | 310.0 | 2.2 | 27.5 | 5.1 | 35.3. |
| 6.6 | 31.7 | 2736.2 | 725.0 | 4.5 | -14.5 | 195.2 | 18.5 | 4.9 | 17.8 | 304.6 | 309.6 | 1.7 | 23.4 | 6.4 | 35.7. |
| 7.7 | 34.3 | 3020.9 | 700.0 | 2.2 | -14.2 | 196.9 | 17.2 | 5.0 | 16.5 | 305.2 | 310.7 | 1.8 | 28.3 | 7.4 | 36.0. |
| 8.5 | 36.9 | 3313.5 | 675.0 | 0.7 | -13.0 | 203.1 | 15.5 | 6.1 | 14.2 | 306.7 | 313.0 | 2.1 | 34.7 | 8.3 | 1. |
| 9.5 | 39.7 | 3614.9 | 650.0 | -2.2 | -12.8 | 217.9 | 12.9 | 7.9 | 10.2 | 306.7 | 313.0 | 2.2 | 44.1 | 9.3 | 4. |
| 10.6 | 42.3 | 392.3 | 625.0 | -4.7 | -13.8 | 231.0 | 10.4 | 8.1 | 8.1 | 307.3 | 313.7 | 2.1 | 48.9 | 9.6 | 8. |
| 11.9 | 45.3 | 4244.5 | 600.0 | -8.0 | -14.8 | 225.4 | 9.6 | 6.3 | 6.8 | 307.9 | 313.2 | 2.0 | 58.2 | 10.2 | 19. |
| 13.2 | 48.3 | 4571.5 | 575.0 | -11.2 | -16.8 | 217.1 | 9.5 | 5.7 | 7.6 | 307.2 | 312.5 | 1.8 | 63.2 | 10.8 | 12. |
| 14.5 | 51.3 | 4912.8 | 550.0 | -14.4 | -19.6 | 217.9 | 10.2 | 6.3 | 8.1 | 307.2 | 311.8 | 1.5 | 64.3 | 11.5 | 14. |
| 15.7 | 54.4 | 5264.4 | 525.0 | -15.8 | -42.2 | 216.4 | 14.5 | 8.6 | 11.7 | 309.4 | 313.0 | 0.2 | 8.2 | 12.3 | 15. |
| 16.8 | 57.4 | 5636.2 | 500.0 | -18.7 | -44.1 | 217.4 | 15.5 | 9.5 | 12.2 | 310.2 | 310.8 | 0.1 | 8.5 | 13.2 | 17. |
| 18.1 | 60.5 | 6010.3 | 475.0 | -21.1 | -45.7 | 222.9 | 18.4 | 12.5 | 13.5 | 311.9 | 312.3 | 0.1 | 8.8 | 14.5 | 19. |
| 19.3 | 64.3 | 6406.4 | 450.0 | -22.6 | -46.4 | 229.5 | 19.6 | 14.9 | 12.7 | 314.7 | 315.2 | 0.1 | 9.4 | 15.6 | 21. |
| 20.6 | 67.7 | 6824.9 | 425.0 | -26.1 | -41.9 | 234.2 | 19.1 | 15.5 | 11.1 | 315.5 | 316.3 | 0.2 | 20.9 | 17.0 | 24. |
| 22.0 | 71.2 | 7260.3 | 400.0 | -29.4 | -48.8 | 236.1 | 21.4 | 17.8 | 12.0 | 316.7 | 317.1 | 0.1 | 13.2 | 19.5 | 27. |
| 23.6 | 75.0 | 7717.1 | 375.0 | -33.1 | -51.6 | 241.9 | 23.0 | 20.3 | 10.9 | 317.8 | 318.1 | 0.1 | 13.5 | 20.3 | 30. |
| 25.1 | 79.2 | 8158.1 | 350.0 | -37.2 | -54.7 | 242.6 | 25.5 | 22.6 | 11.7 | 318.5 | 318.8 | 0.1 | 14.0 | 22.3 | 33. |
| 27.0 | 83.2 | 8705.7 | 325.0 | -41.6 | 99.9 | 243.4 | 26.5 | 23.7 | 11.9 | 319.4 | 999.9 | 99.9 | 99.9 | 24.8 | 36. |
| 29.0 | 87.4 | 9243.0 | 300.0 | -46.6 | 99.9 | 245.2 | 30.4 | 27.6 | 12.7 | 319.6 | 999.9 | 99.9 | 99.9 | 28.0 | 40. |
| 31.1 | 92.2 | 9814.4 | 275.0 | -51.5 | 99.9 | 242.9 | 31.6 | 28.1 | 14.4 | 320.7 | 999.9 | 99.9 | 99.9 | 31.4 | 43. |
| 33.7 | 96.5 | 10427.3 | 250.0 | -55.3 | 99.9 | 242.4 | 37.2 | 32.9 | 17.2 | 323.9 | 999.9 | 99.9 | 99.9 | 36.7 | 45. |
| 36.2 | 102.0 | 11055.6 | 225.0 | -57.6 | 99.9 | 257.7 | 45.2 | 44.1 | 9.6 | 330.3 | 999.9 | 99.9 | 99.9 | 42.8 | 49. |
| 39.4 | 107.5 | 11831.4 | 200.0 | -62.1 | 99.9 | 244.5 | 35.8 | 35.7 | 3.4 | 334.4 | 999.9 | 99.9 | 99.9 | 47.3 | 53. |
| 40.8 | 113.5 | 12653.0 | 175.0 | -63.4 | 99.9 | 234.2 | 28.7 | 23.3 | 16.8 | 345.4 | 999.9 | 99.9 | 99.9 | 51.3 | 54. |
| 44.1 | 120.3 | 13617.7 | 150.0 | -58.5 | 99.9 | 249.2 | 27.3 | 25.5 | 6.7 | 349.3 | 999.9 | 99.9 | 99.9 | 57.2 | 55. |
| 47.9 | 127.5 | 14763.8 | 125.0 | -59.5 | 99.9 | 260.4 | 20.6 | 20.3 | 3.8 | 387.3 | 999.9 | 99.9 | 99.9 | 61.3 | 57. |
| 52.7 | 135.7 | 16162.0 | 100.0 | -56.9 | 99.9 | 256.9 | 21.1 | 20.6 | 4.8 | 417.8 | 999.9 | 99.9 | 99.9 | 66.8 | 58. |
| 58.7 | 143.7 | 17983.2 | 75.0 | -54.8 | 99.9 | 257.6 | 9.6 | 9.4 | 2.1 | 458.1 | 999.9 | 99.9 | 99.9 | 70.9 | 61. |
| 67.0 | 152.3 | 20593.7 | 50.0 | -54.9 | 99.9 | 333.7 | 2.3 | 0.2 | -2.2 | 514.2 | 999.9 | 99.9 | 99.9 | 72.0 | 62. |
| 78.8 | 161.3 | 25053.0 | 25.0 | -52.2 | 99.9 | 319.4 | 3.0 | 1.9 | -2.3 | 645.0 | 999.9 | 99.9 | 99.9 | 72.8 | 63. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 11001
MARSHALL SPALE FLIGHT CENTER

25 APRIL 1975
1123 GMT

| TIME MIN | CNTCT | WEIGHT GEM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTD CM/KG | RM PCT | RANGE KM | A7 DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.3 | 100.0 | 994.0 | 21.4 | 18.2 | 200.0 | 5.7 | 1.9 | 5.4 | 296.9 | 331.9 | 13.4 | 82.0 | 0.0 | 0. |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 7.8 | 347.3 | 975.0 | 19.6 | 17.7 | 212.4 | 15.9 | 8.5 | 13.4 | 296.7 | 331.2 | 13.2 | 88.5 | 0.3 | 2.3 |
| 1.4 | 9.9 | 571.3 | 950.0 | 18.0 | 17.1 | 222.3 | 21.0 | 14.3 | 15.3 | 297.2 | 331.4 | 13.0 | 93.9 | 1.3 | 3.5 |
| 2.2 | 11.8 | 800.1 | 925.0 | 16.6 | 15.9 | 231.5 | 23.5 | 18.4 | 14.6 | 297.0 | 330.4 | 12.3 | 95.3 | 2.3 | 4.0 |
| 3.0 | 13.9 | 1035.6 | 900.0 | 15.0 | 14.2 | 237.6 | 25.3 | 21.3 | 13.6 | 298.4 | 328.7 | 11.4 | 95.0 | 3.4 | 4.3 |
| 3.8 | 15.9 | 1272.4 | 875.0 | 13.9 | 13.1 | 241.8 | 25.5 | 22.5 | 12.0 | 299.7 | 329.8 | 10.9 | 94.9 | 4.6 | 4.6 |
| 4.7 | 17.1 | 1516.9 | 850.0 | 12.1 | 10.9 | 247.4 | 27.7 | 25.6 | 10.6 | 300.1 | 326.5 | 9.8 | 92.6 | 6.1 | 5.3 |
| 5.4 | 20.2 | 1766.5 | 825.0 | 10.8 | 5.6 | 252.9 | 23.9 | 22.8 | 7.0 | 300.9 | 320.0 | 6.9 | 70.1 | 7.4 | 5.6 |
| 6.4 | 22.4 | 2023.3 | 800.0 | 10.1 | 5.0 | 259.0 | 27.5 | 27.0 | 5.2 | 302.2 | 321.9 | 6.9 | 70.8 | 8.6 | 5.6 |
| 7.7 | 24.7 | 2247.0 | 775.0 | 8.1 | 5.0 | 255.2 | 26.6 | 25.7 | 6.8 | 303.5 | 324.7 | 7.6 | 86.8 | 10.4 | 6.2 |
| 8.6 | 26.8 | 2557.5 | 750.0 | 6.0 | 5.0 | 255.3 | 26.5 | 25.6 | 6.7 | 304.1 | 324.5 | 7.4 | 93.3 | 11.9 | 6.5 |
| 9.4 | 29.2 | 2836.5 | 725.0 | 3.7 | 2.7 | 258.5 | 17.2 | 26.4 | 6.4 | 304.3 | 322.4 | 6.4 | 93.2 | 13.3 | 6.5 |
| 10.4 | 31.7 | 3115.4 | 700.0 | 2.1 | 0.9 | 253.9 | 30.1 | 28.9 | 6.3 | 305.6 | 322.3 | 5.9 | 91.5 | 15.2 | 6.7 |
| 11.8 | 34.7 | 3412.5 | 675.0 | -0.1 | -1.1 | 251.4 | 30.5 | 28.9 | 9.7 | 306.2 | 321.2 | 5.2 | 92.7 | 17.3 | 6.7 |
| 13.1 | 36.6 | 3714.1 | 650.0 | -2.1 | -3.1 | 250.0 | 35.6 | 33.5 | 12.2 | 307.2 | 320.7 | 4.7 | 92.9 | 19.9 | 5.4 |
| 14.4 | 39.2 | 4024.5 | 625.0 | -4.7 | -17.0 | 244.8 | 34.5 | 31.2 | 14.7 | 307.3 | 312.2 | 1.6 | 37.5 | 22.7 | 6.4 |
| 15.6 | 41.7 | 4345.8 | 600.0 | -4.8 | -17.7 | 238.9 | 32.1 | 27.5 | 16.6 | 310.7 | 315.7 | 1.6 | 35.5 | 25.2 | 6.7 |
| 16.9 | 44.4 | 4676.2 | 575.0 | -7.5 | -35.6 | 235.4 | 30.4 | 25.0 | 17.3 | 311.2 | 312.3 | 0.3 | 8.6 | 27.5 | 6.1 |
| 18.1 | 47.3 | 5022.9 | 550.0 | -10.7 | -21.8 | 234.5 | 30.5 | 24.8 | 17.7 | 311.5 | 315.4 | 1.2 | 40.0 | 29.7 | 6.5 |
| 19.2 | 50.2 | 5372.5 | 525.0 | -12.3 | -19.1 | 237.1 | 34.7 | 29.1 | 16.8 | 313.7 | 318.8 | 1.6 | 56.9 | 31.6 | 6.5 |
| 20.3 | 53.1 | 5750.4 | 500.0 | -15.3 | -21.4 | 235.7 | 36.2 | 27.9 | 20.4 | 314.5 | 319.0 | 1.4 | 54.4 | 34.2 | 6.4 |
| 21.7 | 56.0 | 6136.8 | 475.0 | -16.9 | -23.4 | 237.9 | 33.3 | 28.2 | 17.7 | 317.2 | 321.2 | 1.2 | 56.5 | 37.0 | 6.3 |
| 23.6 | 59.3 | 6540.8 | 450.0 | -19.5 | -24.4 | 247.2 | 17.0 | 34.1 | 14.4 | 318.8 | 322.6 | 1.2 | 65.1 | 40.9 | 6.4 |
| 25.2 | 62.5 | 6964.1 | 425.0 | -21.2 | -38.9 | 244.7 | 29.8 | 24.8 | 7.9 | 321.7 | 322.9 | 0.3 | 14.1 | 44.7 | 6.4 |
| 26.7 | 66.3 | 7408.4 | 400.0 | -24.4 | -34.5 | 255.6 | 42.4 | 41.1 | 10.5 | 323.0 | 324.7 | 0.5 | 39.0 | 46.5 | 6.5 |
| 27.8 | 69.7 | 7875.2 | 375.0 | -26.0 | -34.9 | 263.9 | 37.1 | 36.9 | 4.0 | 324.5 | 326.3 | 0.5 | 51.7 | 50.1 | 6.1 |
| 29.1 | 73.3 | 8307.6 | 350.0 | -31.3 | 38.0 | 270.3 | 37.9 | 37.9 | -0.2 | 326.5 | 327.9 | 0.4 | 51.2 | 52.1 | 6.7 |
| 30.6 | 77.3 | 8984.3 | 325.0 | -35.7 | 42.4 | 277.0 | 32.5 | 32.2 | -4.5 | 327.4 | 328.4 | 0.3 | 49.8 | 54.7 | 6.4 |
| 32.4 | 81.4 | 9435.2 | 300.0 | -40.4 | 99.9 | 276.6 | 31.3 | 31.1 | -3.6 | 328.4 | 329.9 | 99.9 | 99.9 | 58.4 | 7.0 |
| 34.3 | 85.3 | 10026.7 | 275.0 | -45.1 | 69.9 | 273.3 | 22.7 | 22.6 | -1.3 | 330.0 | 330.9 | 99.9 | 99.9 | 60.9 | 7.1 |
| 36.6 | 90.6 | 10656.3 | 250.0 | -50.2 | 99.9 | 271.4 | 14.3 | 14.3 | -0.3 | 331.5 | 331.5 | 99.9 | 99.9 | 63.1 | 7.2 |
| 39.9 | 95.7 | 11335.2 | 225.0 | -56.1 | 99.9 | 264.3 | 21.2 | 21.1 | 2.1 | 332.6 | 332.6 | 99.9 | 99.9 | 65.0 | 7.2 |
| 41.2 | 101.0 | 12072.4 | 200.0 | -62.7 | 99.9 | 272.2 | 22.7 | 22.7 | -0.9 | 333.5 | 333.5 | 99.9 | 99.9 | 69.4 | 7.3 |
| 43.9 | 107.5 | 12822.4 | 175.0 | -65.0 | 99.9 | 257.6 | 14.2 | 33.4 | 7.4 | 336.1 | 336.1 | 99.9 | 99.9 | 73.1 | 7.4 |
| 46.8 | 114.3 | 13809.9 | 150.0 | -65.2 | 99.9 | 301.5 | 16.7 | 14.2 | -6.7 | 357.7 | 359.2 | 99.9 | 99.9 | 76.5 | 7.5 |
| 50.2 | 122.7 | 14934.7 | 125.0 | -63.8 | 99.9 | 266.8 | 24.2 | 23.2 | -7.0 | 379.5 | 383.9 | 99.9 | 99.9 | 82.9 | 7.7 |
| 54.4 | 130.7 | 16308.0 | 100.0 | -63.3 | 99.9 | 285.0 | 14.5 | 14.0 | -3.7 | 405.5 | 409.9 | 99.9 | 99.9 | 86.4 | 7.8 |
| 59.9 | 140.3 | 18045.9 | 75.0 | -66.4 | 99.9 | 258.7 | 2.7 | 2.7 | 0.5 | 433.7 | 437.9 | 99.9 | 99.9 | 89.7 | 7.9 |
| 67.2 | 151.0 | 20515.8 | 50.0 | -63.4 | 99.9 | 253.7 | 28.6 | 27.4 | 8.0 | 494.1 | 499.9 | 99.9 | 99.9 | 91.3 | 7.2 |
| 78.1 | 167.0 | 24895.3 | 25.0 | -52.7 | 99.9 | 63.0 | 17.5 | -15.6 | -7.9 | 673.1 | 699.9 | 99.9 | 99.9 | 89.1 | 6.0 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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APPENDIX

Wind Data for Wallops Island, Virginia
and Fort Totten, New York

These data were computed by the
National Weather Service using a
scheme different from that used in
the AVE reduction process.

Wallops Island, Virginia
April 24, 1975 at 1415 GMT

| Time (min) | Wind Speed (mps) | Wind Direction (deg) | Time (min) | Wind Speed (mps) | Wind Direction (deg) |
|---------------|---------------------|-------------------------|---------------|---------------------|-------------------------|
| 1.00 | 16.0 | 235 | 50.00 | 29.3 | 287 |
| 2.00 | 17.8 | 234 | 51.00 | 35.3 | 287 |
| 3.00 | 18.1 | 235 | 52.00 | 32.0 | 277 |
| 4.00 | 20.9 | 246 | 53.00 | 30.3 | 285 |
| 5.00 | 18.7 | 257 | 54.00 | 29.9 | 293 |
| 6.00 | 14.6 | 266 | 55.00 | 25.8 | 295 |
| 7.00 | 12.5 | 273 | 56.00 | 23.8 | 291 |
| 8.00 | 12.1 | 263 | 57.00 | 22.9 | 291 |
| 9.00 | 12.7 | 253 | 58.00 | 22.2 | 291 |
| 10.00 | 13.0 | 252 | 59.00 | 19.2 | 295 |
| 11.00 | 13.7 | 257 | 60.00 | 13.9 | 319 |
| 12.00 | 14.6 | 265 | 61.00 | 13.1 | 3 |
| 13.00 | 17.3 | 270 | 62.00 | 16.7 | 291 |
| 14.00 | 19.2 | 271 | 63.00 | 18.8 | 302 |
| 15.00 | 19.7 | 272 | 64.00 | 11.3 | 312 |
| 16.00 | 17.0 | 271 | 65.00 | 11.1 | 314 |
| 17.00 | 19.3 | 269 | 66.00 | 11.6 | 326 |
| 18.00 | 18.9 | 269 | 67.00 | 5.0 | 346 |
| 19.00 | 15.4 | 268 | 68.00 | 5.8 | 357 |
| 20.00 | 14.5 | 270 | 69.00 | 6.8 | 333 |
| 21.00 | 16.5 | 277 | 70.00 | 2.2 | 336 |
| 22.00 | 14.5 | 280 | 71.00 | 5.4 | 351 |
| 23.00 | 13.2 | 285 | 72.00 | 5.9 | 1 |
| 24.00 | 13.9 | 289 | 73.00 | 3.4 | 342 |
| 25.00 | 12.0 | 289 | 74.00 | 3.7 | 352 |
| 26.00 | 12.8 | 285 | 75.00 | 2.8 | 68 |
| 27.00 | 14.1 | 283 | 76.00 | 4.1 | 328 |
| 28.00 | 12.7 | 290 | 77.00 | 3.2 | 35 |
| 29.00 | 20.9 | 282 | 78.00 | 2.3 | 327 |
| 30.00 | 26.2 | 282 | 79.00 | 5.2 | 29 |
| 31.00 | 22.7 | 290 | 80.00 | 3.9 | 64 |
| 32.00 | 20.0 | 297 | 81.00 | 3.9 | 90 |
| 33.00 | 22.9 | 291 | 82.00 | 3.7 | 122 |
| 34.00 | 24.5 | 290 | 83.00 | 3.6 | 59 |
| 35.00 | 26.4 | 293 | 84.00 | 2.2 | 59 |
| 36.00 | 28.6 | 296 | 85.00 | 5.6 | 337 |
| 37.00 | 30.2 | 299 | 86.00 | 4.9 | 99 |
| 38.00 | 31.4 | 303 | 87.00 | 1.1 | 90 |
| 39.00 | 33.6 | 309 | 88.00 | 3.4 | 92 |
| 40.00 | 35.7 | 311 | 89.00 | 1.7 | 161 |
| 41.00 | 35.4 | 310 | 90.00 | 3.9 | 208 |
| 42.00 | 32.2 | 310 | 91.00 | 4.6 | 286 |
| 43.00 | 29.7 | 317 | 92.00 | 1.5 | 322 |
| 44.00 | 25.3 | 324 | 93.00 | 2.3 | 357 |
| 45.00 | 20.4 | 326 | 94.00 | 5.6 | 359 |
| 46.00 | 19.3 | 301 | 95.00 | 4.7 | 10 |
| 47.00 | 16.9 | 304 | 96.00 | 3.0 | 52 |
| 48.00 | 21.8 | 296 | 97.00 | 2.1 | 105 |
| 49.00 | 27.1 | 293 | | | |

Wallops Island, Virginia
April 24, 1975 at 1715 GMT

| Time (min) | Wind Speed (mps) | Wind Direction (deg) | Time (min) | Wind Speed (mps) | Wind Direction (deg) |
|---------------|---------------------|-------------------------|---------------|---------------------|-------------------------|
| 1.00 | 17.7 | 232 | 42.00 | 26.9 | 279 |
| 2.00 | 17.5 | 237 | 43.00 | 32.5 | 286 |
| 3.00 | 18.1 | 249 | 44.00 | 38.7 | 276 |
| 4.00 | 16.8 | 248 | 45.00 | 41.6 | 278 |
| 5.00 | 15.6 | 250 | 46.00 | 36.4 | 292 |
| 6.00 | 16.1 | 247 | 47.00 | 23.5 | 306 |
| 7.00 | 15.7 | 245 | 48.00 | 16.6 | 304 |
| 8.00 | 15.1 | 241 | 49.00 | 17.9 | 293 |
| 9.00 | 16.7 | 250 | 50.00 | 18.6 | 285 |
| 10.00 | 19.5 | 258 | 51.00 | 18.8 | 287 |
| 11.00 | 20.3 | 259 | 52.00 | 15.2 | 298 |
| 12.00 | 22.7 | 262 | 53.00 | 13.9 | 300 |
| 13.00 | 23.6 | 265 | 54.00 | 15.3 | 308 |
| 14.00 | 24.9 | 271 | 55.00 | 7.5 | 315 |
| 15.00 | 26.6 | 277 | 56.00 | 6.9 | 314 |
| 16.00 | 25.6 | 284 | 57.00 | 6.1 | 344 |
| 17.00 | 19.7 | 285 | 58.00 | 1.6 | 11 |
| 18.00 | 16.9 | 278 | 59.00 | 3.2 | 303 |
| 19.00 | 15.7 | 275 | 60.00 | 1.9 | 288 |
| 20.00 | 14.0 | 275 | 61.00 | 5.5 | 351 |
| 21.00 | 15.1 | 280 | 62.00 | 4.1 | 10 |
| 22.00 | 16.5 | 280 | 63.00 | 3.1 | 328 |
| 23.00 | 19.6 | 275 | 64.00 | 3.3 | 349 |
| 24.00 | 17.3 | 277 | 65.00 | 1.6 | 11 |
| 25.00 | 18.7 | 278 | 66.00 | 3.4 | 25 |
| 26.00 | 18.9 | 285 | 67.00 | 2.1 | 251 |
| 27.00 | 18.1 | 288 | 68.00 | 0.4 | 22 |
| 28.00 | 18.9 | 290 | 69.00 | 1.3 | 82 |
| 29.00 | 20.3 | 296 | 70.00 | 1.4 | 72 |
| 30.00 | 20.3 | 302 | 71.00 | 0.8 | 289 |
| 31.00 | 22.9 | 311 | 72.00 | 2.1 | 111 |
| 32.00 | 28.0 | 312 | 73.00 | 1.5 | 321 |
| 33.00 | 29.5 | 313 | 74.00 | 4.7 | 338 |
| 34.00 | 30.6 | 314 | 75.00 | 5.4 | 45 |
| 35.00 | 33.7 | 312 | 76.00 | 0.8 | 158 |
| 36.00 | 32.8 | 315 | 77.00 | 1.3 | 45 |
| 37.00 | 23.5 | 319 | 78.00 | 1.0 | 127 |
| 38.00 | 15.0 | 313 | 79.00 | 3.0 | 319 |
| 39.00 | 13.5 | 282 | 80.00 | 4.7 | 335 |
| 40.00 | 21.8 | 279 | 81.00 | 1.9 | 324 |
| 41.00 | 24.4 | 286 | 82.00 | 2.7 | 325 |

Wallops Island, Virginia
April 24, 1975 at 2055 GMT

| Time (min) | Wind Speed (mps) | Wind Direction (deg) | Time (min) | Wind Speed (mps) | Wind Direction (deg) |
|---------------|---------------------|-------------------------|---------------|---------------------|-------------------------|
| 1.00 | 16.5 | 218 | 52.00 | 28.7 | 286 |
| 2.00 | 18.1 | 214 | 53.00 | 26.2 | 290 |
| 3.00 | 19.0 | 217 | 54.00 | 30.5 | 287 |
| 4.00 | 19.2 | 225 | 55.00 | 30.1 | 282 |
| 5.00 | 23.4 | 226 | 56.00 | 33.1 | 286 |
| 6.00 | 23.2 | 232 | 57.00 | 29.9 | 291 |
| 7.00 | 24.3 | 246 | 58.00 | 25.8 | 284 |
| 8.00 | 22.4 | 252 | 59.00 | 24.0 | 279 |
| 9.00 | 20.3 | 248 | 60.00 | 26.3 | 299 |
| 10.00 | 19.8 | 244 | 61.00 | 11.1 | 295 |
| 11.00 | 19.5 | 247 | 62.00 | 13.8 | 288 |
| 12.00 | 19.3 | 249 | 63.00 | 14.0 | 297 |
| 13.00 | 18.7 | 252 | 64.00 | 11.4 | 322 |
| 14.00 | 17.7 | 255 | 65.00 | 8.5 | 341 |
| 15.00 | 19.8 | 268 | 66.00 | 9.4 | 332 |
| 16.00 | 21.8 | 274 | 67.00 | 6.4 | 329 |
| 17.00 | 22.7 | 277 | 68.00 | 5.2 | 345 |
| 18.00 | 26.6 | 276 | 69.00 | 4.2 | 312 |
| 19.00 | 26.0 | 275 | 70.00 | 3.2 | 316 |
| 20.00 | 27.2 | 279 | 71.00 | 6.9 | 303 |
| 21.00 | 26.5 | 282 | 72.00 | 6.3 | 303 |
| 22.00 | 27.3 | 278 | 73.00 | 3.6 | 12 |
| 23.00 | 27.5 | 277 | 74.00 | 2.7 | 14 |
| 24.00 | 23.8 | 271 | 75.00 | 1.7 | 312 |
| 25.00 | 24.2 | 276 | 76.00 | 3.1 | 332 |
| 26.00 | 23.6 | 275 | 77.00 | 1.8 | 329 |
| 27.00 | 22.1 | 270 | 78.00 | 3.1 | 345 |
| 28.00 | 22.8 | 264 | 79.00 | 5.6 | 31 |
| 29.00 | 22.0 | 263 | 80.00 | 3.4 | 8 |
| 30.00 | 21.3 | 259 | 81.00 | 2.7 | 17 |
| 31.00 | 21.1 | 253 | 82.00 | 3.7 | 90 |
| 32.00 | 21.2 | 253 | 83.00 | 2.8 | 290 |
| 33.00 | 20.8 | 258 | 84.00 | 3.0 | 309 |
| 34.00 | 19.1 | 256 | 85.00 | 6.4 | 322 |
| 35.00 | 18.6 | 263 | 86.00 | 2.9 | 329 |
| 36.00 | 18.3 | 265 | 87.00 | 1.9 | 10 |
| 37.00 | 17.0 | 267 | 88.00 | 6.2 | 353 |
| 38.00 | 19.0 | 277 | 89.00 | 5.4 | 60 |
| 39.00 | 23.1 | 287 | 90.00 | 1.0 | 189 |
| 40.00 | 24.4 | 293 | 91.00 | 2.9 | 12 |
| 41.00 | 24.6 | 296 | 92.00 | 3.2 | 304 |
| 42.00 | 24.4 | 298 | 93.00 | 7.1 | 326 |
| 43.00 | 26.0 | 298 | 94.00 | 6.3 | 339 |
| 44.00 | 28.4 | 296 | 95.00 | 8.3 | 354 |
| 45.00 | 29.5 | 297 | 96.00 | 4.3 | 84 |
| 46.00 | 32.6 | 298 | 97.00 | 5.7 | 331 |
| 47.00 | 30.4 | 300 | 98.00 | 0.6 | 140 |
| 48.00 | 21.1 | 303 | 99.00 | 5.3 | 319 |
| 49.00 | 17.6 | 288 | 100.00 | 2.6 | 247 |
| 50.00 | 21.1 | 283 | 101.00 | 7.3 | 276 |
| 51.00 | 27.2 | 281 | 102.00 | 2.1 | 268 |

Wallops Island, Virginia
April 25, 1975 at 0515 GMT

| Time (min) | Wind Speed (mps) | Wind Direction (deg) | Time (min) | Wind Speed (mps) | Wind Direction (deg) |
|---------------|---------------------|-------------------------|---------------|---------------------|-------------------------|
| 1.00 | 18.4 | 243 | 49.00 | 24.0 | 270 |
| 2.00 | 17.1 | 246 | 50.00 | 18.8 | 274 |
| 3.00 | 16.3 | 256 | 51.00 | 23.5 | 276 |
| 4.00 | 19.7 | 250 | 52.00 | 21.6 | 284 |
| 5.00 | 24.2 | 252 | 53.00 | 28.1 | 287 |
| 6.00 | 24.6 | 262 | 54.00 | 27.6 | 292 |
| 7.00 | 22.0 | 271 | 55.00 | 21.9 | 294 |
| 8.00 | 21.9 | 277 | 56.00 | 16.1 | 282 |
| 9.00 | 20.3 | 273 | 57.00 | 19.0 | 272 |
| 10.00 | 18.6 | 267 | 58.00 | 19.6 | 276 |
| 11.00 | 18.3 | 267 | 59.00 | 21.1 | 286 |
| 12.00 | 18.2 | 271 | 60.00 | 14.4 | 280 |
| 13.00 | 17.5 | 273 | 61.00 | 10.6 | 272 |
| 14.00 | 17.8 | 271 | 62.00 | 10.6 | 241 |
| 15.00 | 17.1 | 271 | 63.00 | 9.8 | 237 |
| 16.00 | 17.7 | 273 | 64.00 | 5.2 | 242 |
| 17.00 | 17.5 | 271 | 65.00 | 1.9 | 216 |
| 18.00 | 17.6 | 264 | 66.00 | 5.6 | 237 |
| 19.00 | 17.5 | 265 | 67.00 | 7.2 | 278 |
| 20.00 | 16.2 | 272 | 68.00 | 4.3 | 279 |
| 21.00 | 15.8 | 264 | 69.00 | 7.6 | 311 |
| 22.00 | 16.3 | 266 | 70.00 | 6.3 | 332 |
| 23.00 | 19.7 | 269 | 71.00 | 4.9 | 24 |
| 24.00 | 21.1 | 272 | 72.00 | 3.1 | 57 |
| 25.00 | 22.1 | 280 | 73.00 | 2.1 | 287 |
| 26.00 | 22.8 | 286 | 74.00 | 5.3 | 304 |
| 27.00 | 23.8 | 286 | 75.00 | 4.3 | 336 |
| 28.00 | 22.7 | 284 | 76.00 | 2.6 | 13 |
| 29.00 | 23.3 | 277 | 77.00 | 3.7 | 23 |
| 30.00 | 24.6 | 270 | 78.00 | 4.4 | 42 |
| 31.00 | 23.9 | 262 | 79.00 | 3.3 | 82 |
| 32.00 | 25.2 | 259 | 80.00 | 4.6 | 54 |
| 33.00 | 26.9 | 258 | 81.00 | 3.7 | 81 |
| 34.00 | 27.4 | 258 | 82.00 | 2.0 | 101 |
| 35.00 | 26.4 | 257 | 83.00 | 4.8 | 100 |
| 36.00 | 25.6 | 256 | 84.00 | 4.3 | 87 |
| 37.00 | 25.4 | 256 | 85.00 | 4.2 | 88 |
| 38.00 | 24.2 | 255 | 86.00 | 3.8 | 94 |
| 39.00 | 26.3 | 253 | 87.00 | 3.9 | 68 |
| 40.00 | 27.2 | 255 | 88.00 | 2.7 | 78 |
| 41.00 | 26.8 | 251 | 89.00 | 3.9 | 113 |
| 42.00 | 26.4 | 256 | 90.00 | 2.2 | 22 |
| 43.00 | 26.3 | 263 | 91.00 | 6.1 | 24 |
| 44.00 | 26.4 | 265 | 92.00 | 5.0 | 56 |
| 45.00 | 25.3 | 262 | 93.00 | 4.4 | 69 |
| 46.00 | 24.0 | 273 | 94.00 | 3.9 | 102 |
| 47.00 | 28.5 | 282 | 95.00 | 2.7 | 97 |
| 48.00 | 27.2 | 279 | 96.00 | 0.2 | 90 |

Wallops Island, Virginia
April 25, 1975 at 0515 GMT (Continued)

| Time (min) | Wind Speed (mps) | Wind Direction (deg) |
|---------------|---------------------|-------------------------|
| 97.00 | 3.6 | 304 |
| 98.00 | 3.4 | 316 |
| 99.00 | 4.5 | 305 |
| 100.00 | 3.5 | 326 |
| 101.00 | 4.8 | 341 |
| 102.00 | 6.0 | 332 |
| 103.00 | 7.3 | 345 |
| 104.00 | 10.1 | 20 |
| 105.00 | 6.7 | 68 |
| 106.00 | 0.8 | 164 |
| 107.00 | 2.9 | 269 |
| 108.00 | 7.1 | 301 |

Ft. Totten, N. Y.
April 23, 1975 at 2315 GMT

| Time (min) | Wind Speed (mps) | Wind Direction (deg) | Time (min) | Wind Speed (mps) | Wind Direction (deg) |
|---------------|---------------------|-------------------------|---------------|---------------------|-------------------------|
| .25 | 10.8 | 206 | 42.00 | 44.4 | 308 |
| .50 | 11.1 | 145 | 43.00 | 35.5 | 311 |
| .75 | 20.7 | 149 | 44.00 | 32.2 | 318 |
| 1.00 | 7.4 | 142 | 45.00 | 28.7 | 298 |
| 1.25 | 3.0 | 83 | 46.00 | 36.1 | 308 |
| 1.50 | 8.7 | 159 | 47.00 | 34.3 | 307 |
| 1.75 | 7.8 | 188 | 48.00 | 28.3 | 303 |
| 2.00 | 9.0 | 183 | 49.00 | 30.9 | 301 |
| 2.25 | 9.4 | 178 | 50.00 | 34.7 | 308 |
| 2.50 | 10.5 | 171 | 51.00 | 28.3 | 310 |
| 2.75 | 9.7 | 189 | 52.00 | 26.5 | 310 |
| 3.00 | 8.3 | 192 | 53.00 | 27.3 | 307 |
| 4.00 | 7.5 | 253 | 54.00 | 29.7 | 312 |
| 5.00 | 20.5 | 314 | 55.00 | 28.4 | 320 |
| 6.00 | 30.6 | 198 | 56.00 | 21.3 | 316 |
| 7.00 | 23.1 | 228 | 57.00 | 22.0 | 331 |
| 8.00 | 11.5 | 262 | 58.00 | 19.7 | 328 |
| 9.00 | 13.1 | 273 | 59.00 | 16.5 | 328 |
| 10.00 | 13.1 | 282 | 60.00 | 12.6 | 311 |
| 11.00 | 12.8 | 287 | 61.00 | 10.1 | 297 |
| 12.00 | 12.4 | 291 | 62.00 | 8.0 | 312 |
| 13.00 | 13.6 | 296 | 63.00 | 17.0 | 325 |
| 14.00 | 17.4 | 290 | 64.00 | 3.5 | 187 |
| 15.00 | 18.2 | 290 | 65.00 | 13.9 | 328 |
| 16.00 | 17.3 | 289 | 66.00 | 3.5 | 150 |
| 17.00 | 17.9 | 293 | 67.00 | 5.4 | 315 |
| 18.00 | 15.8 | 295 | 68.00 | 6.5 | 301 |
| 19.00 | 18.3 | 288 | 69.00 | 4.8 | 287 |
| 20.00 | 18.5 | 282 | 70.00 | 5.5 | 325 |
| 21.00 | 18.2 | 287 | 71.00 | 3.9 | 105 |
| 22.00 | 19.0 | 284 | 72.00 | 7.8 | 327 |
| 23.00 | 22.0 | 280 | 73.00 | .5 | 314 |
| 24.00 | 22.6 | 277 | 74.00 | 4.8 | 315 |
| 25.00 | 23.5 | 276 | 75.00 | 11.0 | 328 |
| 26.00 | 24.5 | 277 | 76.00 | 6.6 | 3 |
| 27.00 | 27.5 | 290 | 77.00 | 33.4 | 126 |
| 28.00 | 31.9 | 295 | 78.00 | 2.9 | 3 |
| 29.00 | 33.3 | 297 | 79.00 | 5.0 | 352 |
| 30.00 | 33.4 | 300 | 80.00 | 1.3 | 78 |
| 31.00 | 33.4 | 303 | 81.00 | 16.6 | 320 |
| 32.00 | 30.2 | 300 | 82.00 | 1.7 | 311 |
| 33.00 | 34.7 | 301 | 83.00 | 5.4 | 102 |
| 34.00 | 35.6 | 304 | 84.00 | 11.0 | 336 |
| 35.00 | 37.4 | 307 | 85.00 | 4.6 | 267 |
| 36.00 | 40.6 | 306 | 86.00 | 5.8 | 343 |
| 37.00 | 43.5 | 303 | 87.00 | 15.4 | 145 |
| 38.00 | 42.9 | 302 | 88.00 | 15.6 | 330 |
| 39.00 | 46.7 | 306 | 89.00 | 8.7 | 317 |
| 40.00 | 46.8 | 306 | 90.00 | 11.9 | 316 |
| 41.00 | 46.8 | 307 | 91.00 | 11.5 | 323 |

Ft. Totten, N. Y.
April 23, 1975 at 2315 GMT (Continued)

| Time (min) | Wind Speed (mps) | Wind Direction (deg) |
|---------------|---------------------|-------------------------|
| 92.00 | 26.5 | 162 |
| 93.00 | 14.8 | 252 |
| 94.00 | 32.6 | 194 |
| 95.00 | 23.7 | 165 |
| 96.00 | 33.4 | 126 |
| 97.00 | 26.5 | 162 |

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Ft. Totten, N. Y.
April 24, 1975 at 0515 GMT

| Time (min) | Wind Speed (mps) | Wind Direction (deg) | Time (min) | Wind Speed (mps) | Wind Direction (deg) |
|---------------|---------------------|-------------------------|---------------|---------------------|-------------------------|
| .25 | 4.0 | 87 | 32.00 | 45.9 | 179 |
| .50 | 8.8 | 117 | 33.00 | 55.5 | 174 |
| .75 | 10.8 | 126 | 34.00 | 55.3 | 178 |
| 1.00 | 8.2 | 121 | 35.00 | 50.9 | 180 |
| 1.25 | 9.5 | 126 | 36.00 | 60.6 | 176 |
| 1.50 | 9.8 | 151 | 37.00 | 58.3 | 179 |
| 1.75 | 8.9 | 163 | 38.00 | 74.3 | 176 |
| 2.00 | 11.1 | 176 | 39.00 | 76.7 | 171 |
| 2.25 | 13.5 | 184 | 40.00 | 49.1 | 186 |
| 2.50 | 15.3 | 186 | 41.00 | 44.5 | 180 |
| 2.75 | 13.4 | 192 | 42.00 | 34.5 | 184 |
| 3.00 | 15.6 | 199 | 43.00 | 15.1 | 200 |
| 4.00 | 17.6 | 203 | 44.00 | 27.8 | 180 |
| 5.00 | 18.4 | 214 | 45.00 | 57.6 | 171 |
| 6.00 | 17.9 | 225 | 46.00 | 51.1 | 175 |
| 7.00 | 19.1 | 228 | 47.00 | 22.4 | 191 |
| 8.00 | 18.7 | 232 | 48.00 | 13.9 | 201 |
| 9.00 | 19.3 | 228 | 49.00 | 43.3 | 172 |
| 10.00 | 19.7 | 221 | 50.00 | 62.2 | 161 |
| 11.00 | 20.1 | 218 | 51.00 | 57.6 | 159 |
| 12.00 | 20.1 | 214 | 52.00 | 54.3 | 164 |
| 13.00 | 19.4 | 228 | 53.00 | 52.7 | 166 |
| 14.00 | 20.7 | 225 | 54.00 | 33.0 | 175 |
| 15.00 | 21.5 | 222 | | | |
| 16.00 | 23.5 | 232 | | | |
| 17.00 | 23.8 | 230 | | | |
| 18.00 | 24.6 | 241 | | | |
| 19.00 | 26.8 | 245 | | | |
| 20.00 | 26.0 | 245 | | | |
| 21.00 | 28.2 | 277 | | | |
| 22.00 | 19.0 | 249 | | | |
| 23.00 | 25.3 | 286 | | | |
| 24.00 | 17.7 | 244 | | | |
| 25.00 | 20.9 | 224 | | | |
| 26.00 | 24.1 | 265 | | | |
| 27.00 | 41.3 | 295 | | | |
| 28.00 | 21.5 | 222 | | | |
| 29.00 | 51.7 | 169 | | | |
| 30.00 | 47.7 | 174 | | | |
| 31.00 | 46.9 | 175 | | | |

Ft. Totten, N. Y.
April 24, 1975 at 1115 GMT

| Time (min) | Wind Speed (mps) | Wind Direction (deg) | Time (min) | Wind Speed (mps) | Wind Direction (deg) |
|---------------|---------------------|-------------------------|---------------|---------------------|-------------------------|
| .25 | 6.7 | 169 | 41.00 | 41.4 | 315 |
| .50 | 7.6 | 238 | 42.00 | 31.1 | 311 |
| .75 | 9.2 | 245 | 43.00 | 25.9 | 302 |
| 1.00 | 11.8 | 249 | 44.00 | 27.2 | 294 |
| 1.25 | 14.4 | 252 | 45.00 | 27.2 | 285 |
| 1.50 | 16.9 | 259 | 46.00 | 34.0 | 284 |
| 1.75 | 17.6 | 262 | 47.00 | 36.3 | 290 |
| 2.00 | 17.7 | 267 | 48.00 | 32.9 | 296 |
| 2.25 | 17.6 | 267 | 49.00 | 26.5 | 292 |
| 2.50 | 17.8 | 272 | 50.00 | 29.2 | 293 |
| 2.75 | 19.1 | 274 | 51.00 | 25.8 | 303 |
| 3.00 | 19.8 | 278 | 52.00 | 17.7 | 285 |
| 4.00 | 18.8 | 272 | 53.00 | 22.7 | 286 |
| 5.00 | 18.9 | 275 | 54.00 | 21.0 | 283 |
| 6.00 | 16.9 | 277 | 55.00 | 25.1 | 287 |
| 7.00 | 17.9 | 274 | 56.00 | 23.3 | 288 |
| 8.00 | 21.0 | 272 | 57.00 | 21.1 | 293 |
| 9.00 | 21.3 | 269 | 58.00 | 14.9 | 307 |
| 10.00 | 18.1 | 273 | 59.00 | 8.1 | 297 |
| 11.00 | 15.6 | 275 | 60.00 | 12.3 | 298 |
| 12.00 | 14.4 | 275 | 61.00 | 10.7 | 309 |
| 13.00 | 14.9 | 279 | 62.00 | 12.1 | 325 |
| 14.00 | 14.9 | 287 | 63.00 | 6.1 | 353 |
| 15.00 | 15.7 | 284 | 64.00 | 5.2 | 326 |
| 16.00 | 16.9 | 282 | 65.00 | 4.2 | 309 |
| 17.00 | 15.6 | 273 | 66.00 | 6.8 | 307 |
| 18.00 | 18.1 | 274 | 67.00 | 6.8 | 316 |
| 19.00 | 19.1 | 286 | 68.00 | 1.7 | 358 |
| 20.00 | 21.5 | 289 | 69.00 | 1.8 | 30 |
| 21.00 | 23.0 | 283 | 70.00 | 3.5 | 333 |
| 22.00 | 23.8 | 279 | 71.00 | 4.2 | 332 |
| 23.00 | 22.4 | 276 | 72.00 | 5.0 | 360 |
| 24.00 | 21.8 | 278 | 73.00 | 2.8 | 43 |
| 25.00 | 21.0 | 280 | 74.00 | 2.1 | 70 |
| 26.00 | 22.4 | 294 | 75.00 | 7.7 | 339 |
| 27.00 | 25.5 | 285 | 76.00 | 4.8 | 71 |
| 28.00 | 31.2 | 285 | 77.00 | 4.6 | 75 |
| 29.00 | 31.5 | 285 | 78.00 | 3.0 | 89 |
| 30.00 | 30.6 | 284 | 79.00 | 2.2 | 111 |
| 31.00 | 30.9 | 285 | 80.00 | 4.5 | 338 |
| 32.00 | 31.2 | 283 | 81.00 | 2.8 | 69 |
| 33.00 | 32.9 | 285 | 82.00 | 4.4 | 316 |
| 34.00 | 34.9 | 290 | 83.00 | 1.8 | 74 |
| 35.00 | 37.5 | 296 | 84.00 | 1.7 | 41 |
| 36.00 | 39.5 | 294 | 85.00 | 3.6 | 24 |
| 37.00 | 44.1 | 298 | 86.00 | 4.2 | 359 |
| 38.00 | 48.3 | 302 | 87.00 | 5.8 | 337 |
| 39.00 | 51.5 | 307 | 88.00 | 4.4 | 316 |
| 40.00 | 54.1 | 312 | 89.00 | 7.9 | 304 |

Ft. Totten, N. Y.
April 24, 1975 at 1415 GMT

| Time (min) | Wind Speed (mps) | Wind Direction (deg) | Time (min) | Wind Speed (mps) | Wind Direction (deg) |
|---------------|---------------------|-------------------------|---------------|---------------------|-------------------------|
| .25 | 4.4 | 237 | 42.00 | 37.4 | 305 |
| .50 | 4.5 | 222 | 43.00 | 26.0 | 282 |
| .75 | 5.7 | 212 | 44.00 | 25.6 | 269 |
| 1.00 | 9.8 | 223 | 45.00 | 24.2 | 254 |
| 1.25 | 9.5 | 231 | 46.00 | 24.5 | 252 |
| 1.50 | 10.4 | 237 | 47.00 | 27.8 | 267 |
| 1.75 | 11.2 | 245 | 48.00 | 34.7 | 286 |
| 2.00 | 13.8 | 248 | 49.00 | 36.1 | 292 |
| 2.25 | 14.7 | 257 | 50.00 | 33.2 | 291 |
| 2.50 | 14.7 | 253 | 51.00 | 31.4 | 290 |
| 2.75 | 14.6 | 247 | 52.00 | 29.5 | 299 |
| 3.00 | 13.2 | 249 | 53.00 | 23.9 | 299 |
| 4.00 | 15.0 | 261 | 54.00 | 21.1 | 284 |
| 5.00 | 15.8 | 272 | 55.00 | 24.1 | 285 |
| 6.00 | 16.1 | 282 | 56.00 | 23.1 | 295 |
| 7.00 | 17.8 | 278 | 57.00 | 21.5 | 309 |
| 8.00 | 18.9 | 272 | 58.00 | 23.0 | 291 |
| 9.00 | 18.2 | 268 | 59.00 | 18.0 | 293 |
| 10.00 | 18.6 | 265 | 60.00 | 10.5 | 304 |
| 11.00 | 18.3 | 268 | 61.00 | 7.9 | 327 |
| 12.00 | 17.0 | 259 | 62.00 | 12.1 | 302 |
| 13.00 | 17.0 | 255 | 63.00 | 5.9 | 306 |
| 14.00 | 16.7 | 251 | 64.00 | 5.7 | 296 |
| 15.00 | 17.1 | 243 | 65.00 | 4.7 | 277 |
| 16.00 | 17.0 | 247 | 66.00 | 6.1 | 275 |
| 17.00 | 18.0 | 257 | 67.00 | 7.7 | 287 |
| 18.00 | 19.9 | 260 | 68.00 | 7.8 | 329 |
| 19.00 | 19.5 | 260 | 69.00 | 6.7 | 16 |
| 20.00 | 22.9 | 262 | 70.00 | 3.1 | 355 |
| 21.00 | 25.5 | 261 | 71.00 | .5 | 99 |
| 22.00 | 25.6 | 260 | 72.00 | 3.1 | 354 |
| 23.00 | 26.2 | 263 | 73.00 | 4.8 | 25 |
| 24.00 | 26.9 | 267 | 74.00 | 5.1 | 29 |
| 25.00 | 27.8 | 266 | 75.00 | 2.2 | 291 |
| 26.00 | 30.1 | 266 | 76.00 | 2.4 | 32 |
| 27.00 | 32.1 | 268 | 77.00 | 2.1 | 63 |
| 28.00 | 32.9 | 272 | 78.00 | 3.4 | 57 |
| 29.00 | 33.1 | 275 | 79.00 | 6.6 | 117 |
| 30.00 | 33.5 | 278 | 80.00 | 7.9 | 161 |
| 31.00 | 35.8 | 281 | 81.00 | 22.0 | 1 |
| 32.00 | 37.4 | 282 | 82.00 | 45.1 | 351 |
| 33.00 | 38.5 | 284 | 83.00 | 3.6 | 25 |
| 34.00 | 40.3 | 287 | 84.00 | 2.9 | 50 |
| 35.00 | 40.8 | 293 | 85.00 | 1.6 | 52 |
| 36.00 | 41.5 | 299 | 86.00 | 2.0 | 24 |
| 37.00 | 42.5 | 301 | 87.00 | 3.3 | 58 |
| 38.00 | 45.5 | 303 | 88.00 | 3.1 | 102 |
| 39.00 | 48.2 | 305 | 89.00 | 20.6 | 66 |
| 40.00 | 49.5 | 307 | 90.00 | 7.9 | 63 |
| 41.00 | 48.1 | 311 | 91.00 | .9 | 222 |

Ft. Totten, N. Y.
April 24, 1975 at 1415 GMT (Continued)

| Time (min) | Wind Speed (mps) | Wind Direction (deg) |
|---------------|---------------------|-------------------------|
| 92.00 | 3.3 | 304 |
| 93.00 | 5.5 | 341 |
| 94.00 | 5.0 | 5 |
| 95.00 | 1.7 | 210 |
| 96.00 | .1 | 78 |

Ft. Totten, N. Y.
April 24, 1975 at 1715 GMT

| Time (min) | Wind Speed (mps) | Wind Direction (deg) | Time (min) | Wind Speed (mps) | Wind Direction (deg) |
|---------------|---------------------|-------------------------|---------------|---------------------|-------------------------|
| .25 | 5.7 | 212 | 33.00 | 39.1 | 301 |
| .50 | 7.8 | 210 | 34.00 | 42.4 | 299 |
| .75 | 8.2 | 222 | 35.00 | 46.9 | 298 |
| 1.00 | 10.1 | 223 | 36.00 | 47.6 | 298 |
| 1.25 | 11.9 | 221 | 37.00 | 50.0 | 297 |
| 1.50 | 13.4 | 223 | 38.00 | 53.4 | 297 |
| 1.75 | 13.5 | 233 | 39.00 | 50.0 | 295 |
| 2.00 | 13.5 | 238 | 40.00 | 48.5 | 297 |
| 2.25 | 15.6 | 225 | 41.00 | 42.1 | 304 |
| 2.50 | 15.1 | 237 | 42.00 | 37.8 | 308 |
| 2.75 | 16.8 | 231 | 43.00 | 33.5 | 299 |
| 3.00 | 17.9 | 235 | 44.00 | 27.7 | 284 |
| 4.00 | 17.1 | 235 | 45.00 | 20.7 | 271 |
| 5.00 | 15.9 | 241 | 46.00 | 24.1 | 268 |
| 6.00 | 15.5 | 245 | 47.00 | 32.1 | 273 |
| 7.00 | 19.3 | 248 | 48.00 | 39.6 | 286 |
| 8.00 | 21.0 | 245 | 49.00 | 39.7 | 282 |
| 9.00 | 22.1 | 244 | 50.00 | 33.2 | 303 |
| 10.00 | 23.5 | 248 | 51.00 | 22.9 | 307 |
| 11.00 | 24.2 | 253 | 52.00 | 21.4 | 302 |
| 12.00 | 23.8 | 257 | 53.00 | 22.5 | 284 |
| 13.00 | 23.7 | 267 | 54.00 | 26.1 | 293 |
| 14.00 | 26.1 | 271 | 55.00 | 22.5 | 294 |
| 15.00 | 27.5 | 268 | 56.00 | 22.1 | 291 |
| 16.00 | 29.2 | 266 | 57.00 | 18.6 | 296 |
| 17.00 | 29.7 | 266 | 58.00 | 10.4 | 302 |
| 18.00 | 30.1 | 267 | 59.00 | 6.8 | 316 |
| 19.00 | 30.6 | 264 | 60.00 | 9.7 | 310 |
| 20.00 | 30.6 | 265 | 61.00 | 9.5 | 301 |
| 21.00 | 29.6 | 264 | 62.00 | 8.5 | 301 |
| 22.00 | 30.0 | 265 | 63.00 | 5.3 | 297 |
| 23.00 | 29.2 | 264 | 64.00 | 7.7 | 314 |
| 24.00 | 28.3 | 267 | 65.00 | 3.7 | 11 |
| 25.00 | 29.0 | 274 | 66.00 | 1.9 | 109 |
| 26.00 | 29.6 | 274 | 67.00 | 1.7 | 265 |
| 27.00 | 28.4 | 279 | 68.00 | 1.6 | 318 |
| 28.00 | 29.0 | 286 | 69.00 | 1.4 | 20 |
| 29.00 | 30.4 | 291 | 70.00 | 4.1 | 314 |
| 30.00 | 32.1 | 291 | 71.00 | 9.6 | 299 |
| 31.00 | 32.5 | 297 | | | |
| 32.00 | 34.7 | 300 | | | |

Ft. Totten, N. Y.
April 24, 1975 at 2015 GMT

| Time (min) | Wind Speed (mps) | Wind Direction (deg) | Time (min) | Wind Speed (mps) | Wind Direction (deg) |
|---------------|---------------------|-------------------------|---------------|---------------------|-------------------------|
| .25 | 6.5 | 166 | 42.00 | 45.3 | 288 |
| .50 | 7.4 | 217 | 43.00 | 41.3 | 295 |
| .75 | 10.5 | 212 | 44.00 | 37.8 | 300 |
| 1.00 | 11.8 | 225 | 45.00 | 31.2 | 301 |
| 1.25 | 12.8 | 234 | 46.00 | 28.5 | 288 |
| 1.50 | 13.8 | 222 | 47.00 | 27.8 | 286 |
| 1.75 | 14.8 | 229 | 48.00 | 24.9 | 279 |
| 2.00 | 16.3 | 230 | 49.00 | 27.5 | 275 |
| 2.25 | 17.1 | 233 | 50.00 | 31.4 | 281 |
| 2.50 | 18.9 | 234 | 51.00 | 33.8 | 284 |
| 2.75 | 19.2 | 234 | 52.00 | 34.3 | 293 |
| 3.00 | 20.4 | 232 | 53.00 | 34.3 | 300 |
| 4.00 | 18.7 | 240 | 54.00 | 25.3 | 306 |
| 5.00 | 19.2 | 244 | 55.00 | 19.7 | 303 |
| 6.00 | 19.8 | 254 | 56.00 | 20 | 295 |
| 7.00 | 20.1 | 264 | 57.00 | 22.5 | 294 |
| 8.00 | 20.2 | 264 | 58.00 | 20.1 | 288 |
| 9.00 | 19.9 | 266 | 59.00 | 22.8 | 295 |
| 10.00 | 21.4 | 268 | 60.00 | 22.9 | 303 |
| 11.00 | 22.6 | 272 | 61.00 | 16.4 | 306 |
| 12.00 | 24.1 | 273 | 62.00 | 12.3 | 310 |
| 13.00 | 24.8 | 273 | 63.00 | 11.2 | 313 |
| 14.00 | 26.0 | 267 | 64.00 | 10.3 | 313 |
| 15.00 | 26.3 | 264 | 65.00 | 6.5 | 336 |
| 16.00 | 28.4 | 266 | 66.00 | 3.8 | 313 |
| 17.00 | 30.8 | 266 | 67.00 | 5.6 | 330 |
| 18.00 | 29.2 | 265 | 68.00 | 5.7 | 3 |
| 19.00 | 26.8 | 267 | 69.00 | 2.0 | 104 |
| 20.00 | 27.9 | 271 | 70.00 | 3.0 | 314 |
| 21.00 | 28.7 | 268 | 71.00 | 2.6 | 330 |
| 22.00 | 28.8 | 271 | 72.00 | 2.0 | 82 |
| 23.00 | 28.0 | 267 | 73.00 | 1.9 | 180 |
| 24.00 | 27.2 | 265 | 74.00 | 3.6 | 339 |
| 25.00 | 27.9 | 266 | 75.00 | 2.1 | 12 |
| 26.00 | 27.5 | 274 | 76.00 | .7 | 38 |
| 27.00 | 26.2 | 278 | 77.00 | 3.0 | 6 |
| 28.00 | 26.3 | 281 | 78.00 | 1.8 | 358 |
| 29.00 | 27.4 | 283 | 79.00 | 2.1 | 313 |
| 30.00 | 27.5 | 283 | 80.00 | 3.3 | 21 |
| 31.00 | 29.3 | 287 | 81.00 | 5.1 | 32 |
| 32.00 | 35.4 | 289 | 82.00 | 5.6 | 31 |
| 33.00 | 38.4 | 282 | 83.00 | 3.9 | 62 |
| 34.00 | 39.7 | 279 | 84.00 | 2.0 | 37 |
| 35.00 | 40.2 | 279 | 85.00 | 1.3 | 15 |
| 36.00 | 40.0 | 283 | 86.00 | 2.2 | 55 |
| 37.00 | 39.0 | 284 | 87.00 | 2.7 | 166 |
| 38.00 | 38.9 | 285 | 88.00 | 4.2 | 271 |
| 39.00 | 39.8 | 287 | 89.00 | 2.3 | 289 |
| 40.00 | 40.9 | 285 | 90.00 | 1.9 | 322 |
| 41.00 | 37.7 | 286 | 91.00 | 3.2 | 32 |
| | | | 92.00 | 3.9 | 336 |

Ft. Totten, N. Y.
April 24, 1975 at 2359 GMT

| Time (min) | Wind Speed (mps) | Wind Direction (deg) | Time (min) | Wind Speed (mps) | Wind Direction (deg) |
|---------------|---------------------|-------------------------|---------------|---------------------|-------------------------|
| .25 | 74.3 | 295 | 41.00 | 33.6 | 279 |
| .50 | 44.7 | 250 | 42.00 | 35.2 | 279 |
| .75 | 42.1 | 254 | 43.00 | 30.3 | 284 |
| 1.00 | 43.0 | 251 | 44.00 | 32.8 | 284 |
| 1.25 | 41.3 | 248 | 45.00 | 35.1 | 284 |
| 1.50 | 41.2 | 253 | 46.00 | 30.9 | 282 |
| 1.75 | 44.2 | 250 | 47.00 | 31.2 | 281 |
| 2.00 | 43.2 | 249 | 48.00 | 30.8 | 276 |
| 2.25 | 44.0 | 246 | 49.00 | 29.7 | 269 |
| 2.50 | 42.2 | 248 | 50.00 | 28.9 | 278 |
| 2.75 | 40.1 | 252 | 51.00 | 28.6 | 277 |
| 3.00 | 47.3 | 247 | 52.00 | 29.4 | 277 |
| 4.00 | 45.3 | 247 | 53.00 | 26.8 | 282 |
| 5.00 | 52.5 | 246 | 54.00 | 22.7 | 295 |
| 6.00 | 54.9 | 244 | 55.00 | 22.2 | 300 |
| 7.00 | 50.4 | 242 | 56.00 | 19.7 | 311 |
| 8.00 | 47.2 | 240 | 57.00 | 19.5 | 322 |
| 9.00 | 39.5 | 242 | 58.00 | 17.9 | 347 |
| 10.00 | 41.3 | 245 | 59.00 | 11.9 | 353 |
| 11.00 | 47.7 | 250 | 60.00 | 9.8 | 314 |
| 12.00 | 43.3 | 255 | 61.00 | 9.5 | 335 |
| 13.00 | 33.4 | 257 | 62.00 | 10.8 | 7 |
| 14.00 | 32.0 | 256 | 63.00 | 5.1 | 355 |
| 15.00 | 29.7 | 254 | 64.00 | 4.8 | 259 |
| 16.00 | 27.5 | 256 | 65.00 | 4.9 | 308 |
| 17.00 | 20.8 | 263 | 66.00 | 5.0 | 273 |
| 18.00 | 17.8 | 263 | 67.00 | 7.9 | 309 |
| 19.00 | 20.1 | 271 | 68.00 | 7.8 | 237 |
| 20.00 | 18.7 | 278 | 69.00 | 25.2 | 245 |
| 21.00 | 18.2 | 281 | 70.00 | 24.6 | 251 |
| 22.00 | 25.0 | 269 | 71.00 | 19.2 | 250 |
| 23.00 | 27.5 | 267 | 72.00 | 17.4 | 245 |
| 24.00 | 28.2 | 274 | 73.00 | 18.0 | 254 |
| 25.00 | 35.1 | 272 | 74.00 | 17.8 | 250 |
| 26.00 | 37.7 | 272 | 75.00 | 24.8 | 253 |
| 27.00 | 35.4 | 280 | 76.00 | 26.9 | 254 |
| 28.00 | 40.0 | 284 | 77.00 | 22.1 | 255 |
| 29.00 | 35.8 | 281 | 78.00 | 14.0 | 243 |
| 30.00 | 37.3 | 284 | 79.00 | 16.0 | 253 |
| 31.00 | 38.3 | 286 | 80.00 | 11.1 | 254 |
| 32.00 | 40.0 | 284 | 81.00 | 6.3 | 269 |
| 33.00 | 42.6 | 276 | 82.00 | 3.7 | 291 |
| 34.00 | 46.0 | 274 | 83.00 | 3.5 | 213 |
| 35.00 | 45.0 | 266 | 84.00 | 7.3 | 243 |
| 36.00 | 43.6 | 265 | 85.00 | 12.1 | 258 |
| 37.00 | 35.4 | 262 | 86.00 | 9.4 | 260 |
| 38.00 | 33.0 | 274 | 87.00 | 8.6 | 267 |
| 39.00 | 33.9 | 276 | 88.00 | 3.4 | 267 |
| 40.00 | 34.0 | 285 | | | |

Ft. Totten, N. Y.
April 25, 1975 at 0515 GMT

| Time (min) | Wind Speed (mps) | Wind Direction (deg) | Time (min) | Wind Speed (mps) | Wind Direction (deg) |
|---------------|---------------------|-------------------------|---------------|---------------------|-------------------------|
| .25 | 12.6 | 231 | 42.00 | 41.5 | 255 |
| .50 | 6.7 | 271 | 43.00 | 42.6 | 255 |
| .75 | 6.9 | 284 | 44.00 | 41.4 | 257 |
| 1.00 | 6.4 | 260 | 45.00 | 40.1 | 259 |
| 1.25 | 7.1 | 284 | 46.00 | 40.4 | 261 |
| 1.50 | 6.3 | 272 | 47.00 | 41.4 | 266 |
| 1.75 | 7.9 | 277 | 48.00 | 38.7 | 268 |
| 2.00 | 6.9 | 285 | 49.00 | 37.9 | 275 |
| 2.25 | 7.7 | 290 | 50.00 | 36.5 | 278 |
| 2.50 | 6.1 | 293 | 51.00 | 28.7 | 279 |
| 2.75 | 5.2 | 307 | 52.00 | 24.0 | 269 |
| 3.00 | 4.5 | 295 | 53.00 | 27.7 | 271 |
| 4.00 | 4.1 | 295 | 54.00 | 27.5 | 283 |
| 5.00 | 4.4 | 294 | 55.00 | 21.0 | 283 |
| 6.00 | 4.9 | 293 | 56.00 | 23.0 | 284 |
| 7.00 | 5.6 | 307 | 57.00 | 26.5 | 289 |
| 8.00 | 7.4 | 310 | 58.00 | 19.7 | 287 |
| 9.00 | 8.4 | 309 | 59.00 | 19.4 | 280 |
| 10.00 | 9.3 | 286 | 60.00 | 18.8 | 281 |
| 11.00 | 15.0 | 278 | 61.00 | 18.0 | 275 |
| 12.00 | 16.3 | 264 | 62.00 | 18.8 | 272 |
| 13.00 | 17.7 | 260 | 63.00 | 21.1 | 271 |
| 14.00 | 18.9 | 255 | 64.00 | 20.8 | 284 |
| 15.00 | 19.0 | 253 | 65.00 | 18.4 | 284 |
| 16.00 | 19.6 | 252 | 66.00 | 15.8 | 291 |
| 17.00 | 19.9 | 246 | 67.00 | 14.5 | 302 |
| 18.00 | 20.2 | 255 | 68.00 | 13.4 | 305 |
| 19.00 | 20.0 | 262 | 69.00 | 12.3 | 299 |
| 20.00 | 19.4 | 260 | 70.00 | 14.3 | 299 |
| 21.00 | 18.3 | 261 | 71.00 | 13.1 | 292 |
| 22.00 | 17.9 | 263 | 72.00 | 11.1 | 280 |
| 23.00 | 19.4 | 267 | 73.00 | 6.4 | 311 |
| 24.00 | 20.5 | 261 | 74.00 | 3.9 | 291 |
| 25.00 | 22.4 | 255 | 75.00 | 9.4 | 280 |
| 26.00 | 23.6 | 248 | 76.00 | 10.0 | 292 |
| 27.00 | 26.0 | 244 | 77.00 | 7.9 | 311 |
| 28.00 | 26.7 | 244 | 78.00 | 2.9 | 269 |
| 29.00 | 26.7 | 244 | 79.00 | 5.8 | 238 |
| 30.00 | 26.1 | 246 | 80.00 | 7.6 | 274 |
| 31.00 | 26.2 | 247 | 81.00 | 7.0 | 301 |
| 32.00 | 26.6 | 249 | 82.00 | 1.4 | 306 |
| 33.00 | 27.4 | 249 | 83.00 | 1.8 | 305 |
| 34.00 | 29.7 | 249 | 84.00 | 3.4 | 3 |
| 35.00 | 31.1 | 248 | 85.00 | 4.0 | 66 |
| 36.00 | 32.7 | 248 | 86.00 | 4.0 | 22 |
| 37.00 | 33.7 | 223 | 87.00 | 4.8 | 63 |
| 38.00 | 35.9 | 223 | 88.00 | 2.9 | 106 |
| 39.00 | 44.4 | 269 | 89.00 | 1.9 | 72 |
| 40.00 | 46.4 | 271 | 90.00 | 5.1 | 51 |
| 41.00 | 41.3 | 256 | 91.00 | 6.4 | 62 |

Ft. Totten, N. Y.
April 25, 1975 at 0515 GMT (Continued)

| Time (min) | Wind Speed (mps) | Wind Direction (deg) |
|---------------|---------------------|-------------------------|
| 92.00 | 6.8 | 85 |
| 93.00 | 4.2 | 108 |
| 94.00 | 4.3 | 80 |
| 95.00 | 6.0 | 93 |
| 96.00 | 5.1 | 121 |
| 97.00 | 2.9 | 129 |
| 98.00 | 2.0 | 145 |
| 99.00 | .3 | 3 |
| 100.00 | 1.0 | 309 |
| 101.00 | .7 | 359 |
| 102.00 | 3.2 | 39 |
| 103.00 | 5.2 | 59 |
| 104.00 | 4.5 | 75 |
| 105.00 | 4.0 | 48 |
| 106.00 | 4.1 | 2 |

Ft. Rotten, N. Y.
April 25, 1975 at 1115 GMT

| Time (min) | Wind Speed (mps) | Wind Direction (deg) | Time (min) | Wind Speed (mps) | Wind Direction (deg) |
|---------------|---------------------|-------------------------|---------------|---------------------|-------------------------|
| .25 | 11.4 | 12 | 41.00 | 59.3 | 295 |
| .50 | 7.7 | 352 | 42.00 | 57.2 | 303 |
| .75 | 8.1 | 355 | 43.00 | 48.6 | 306 |
| 1.00 | 8.0 | 358 | 44.00 | 43.2 | 304 |
| 1.25 | 7.5 | 6 | 45.00 | 40.7 | 295 |
| 1.50 | 7.5 | 6 | 46.00 | 31.4 | 284 |
| 1.75 | 6.3 | 11 | 47.00 | 24.9 | 265 |
| 2.00 | 7.4 | 5 | 48.00 | 25.5 | 268 |
| 2.25 | 6.2 | 8 | 49.00 | 22.1 | 275 |
| 2.50 | 7.4 | 344 | 50.00 | 21.7 | 283 |
| 2.75 | 6.2 | 345 | 51.00 | 18.2 | 283 |
| 3.00 | 3.8 | 17 | 52.00 | 19.3 | 276 |
| 4.00 | 3.7 | 355 | 53.00 | 16.4 | 262 |
| 5.00 | 4.3 | 342 | 54.00 | 15.0 | 265 |
| 6.00 | 4.5 | 326 | 55.00 | 14.4 | 267 |
| 7.00 | 5.1 | 309 | 56.00 | 19.2 | 267 |
| 8.00 | 6.3 | 289 | 57.00 | 15.1 | 258 |
| 9.00 | 5.7 | 282 | 58.00 | 15.6 | 259 |
| 10.00 | 7.2 | 293 | 59.00 | 15.3 | 256 |
| 11.00 | 6.6 | 287 | 60.00 | 12.4 | 253 |
| 12.00 | 7.0 | 276 | 61.00 | 9.0 | 238 |
| 13.00 | 8.5 | 275 | 62.00 | 8.6 | 249 |
| 14.00 | 10.1 | 283 | 63.00 | 7.5 | 275 |
| 15.00 | 10.4 | 284 | 64.00 | 6.0 | 277 |
| 16.00 | 10.1 | 288 | 65.00 | 5.0 | 294 |
| 17.00 | 9.8 | 296 | 66.00 | 5.0 | 5 |
| 18.00 | 10.4 | 298 | 67.00 | 5.6 | 57 |
| 19.00 | 11.4 | 293 | 68.00 | 1.4 | 255 |
| 20.00 | 12.5 | 287 | 69.00 | 2.2 | 0 |
| 21.00 | 16.0 | 290 | 70.00 | 3.7 | 108 |
| 22.00 | 20.2 | 289 | 71.00 | 2.8 | 255 |
| 23.00 | 24.7 | 288 | 72.00 | .3 | 0 |
| 24.00 | 31.7 | 290 | 73.00 | 4.8 | 107 |
| 25.00 | 33.1 | 293 | 74.00 | 4.3 | 101 |
| 26.00 | 35.0 | 296 | 75.00 | 3.9 | 49 |
| 27.00 | 36.8 | 297 | 76.00 | 4.3 | 81 |
| 28.00 | 36.6 | 295 | 77.00 | 2.3 | 79 |
| 29.00 | 38.6 | 293 | 78.00 | 2.6 | 103 |
| 30.00 | 40.3 | 291 | 79.00 | 1.4 | 175 |
| 31.00 | 44.3 | 292 | 80.00 | 4.1 | 11 |
| 32.00 | 45.5 | 294 | 81.00 | 5.1 | 37 |
| 33.00 | 49.5 | 294 | 82.00 | 6.0 | 54 |
| 34.00 | 52.6 | 296 | 83.00 | 6.7 | 57 |
| 35.00 | 55.1 | 296 | 84.00 | 5.0 | 86 |
| 36.00 | 56.5 | 296 | 85.00 | 4.7 | 84 |
| 37.00 | 57.6 | 293 | 86.00 | 5.5 | 87 |
| 38.00 | 58.1 | 291 | 87.00 | 4.6 | 88 |
| 39.00 | 58.6 | 288 | 88.00 | 6.5 | 94 |
| 40.00 | 58.7 | 288 | 89.00 | 4.0 | 81 |

Ft. Totten, N. Y.
April 25, 1975 at 1115 GMT (Continued)

| Time (min) | Wind Speed (mps) | Wind Direction (deg) |
|---------------|---------------------|-------------------------|
| 90.00 | 3.8 | 68 |
| 91.00 | 3.3 | 46 |
| 92.00 | 4.0 | 23 |
| 93.00 | 5.8 | 23 |
| 94.00 | 3.9 | 53 |
| 95.00 | 7.2 | 50 |
| 96.00 | 3.7 | 38 |
| 97.00 | 4.7 | 79 |
| 98.00 | 4.1 | 58 |
| 99.00 | 1.5 | 64 |
| 100.00 | .9 | 64 |

APPROVAL

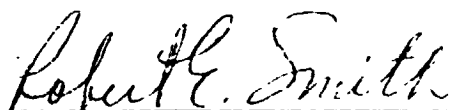
DATA FOR NASA'S AVE IV EXPERIMENT:
25-MB SOUNDING DATA AND SYNOPTIC CHARTS

By

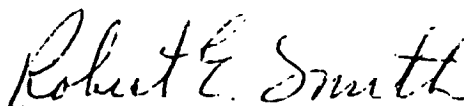
Nancy F. Fucik and Robert E. Turner

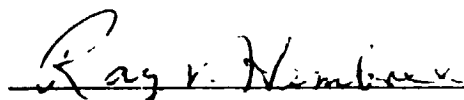
The information in this report has been reviewed for security classification. Review of any information concerning Department of Defense or Atomic Energy Commission programs has been made by the MSFC Security Classification Officer. This report, in its entirety, has been determined to be unclassified.

This document has also been reviewed and approved for technical accuracy.



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